4. Peak Transmit power

4.1. Test Equipment

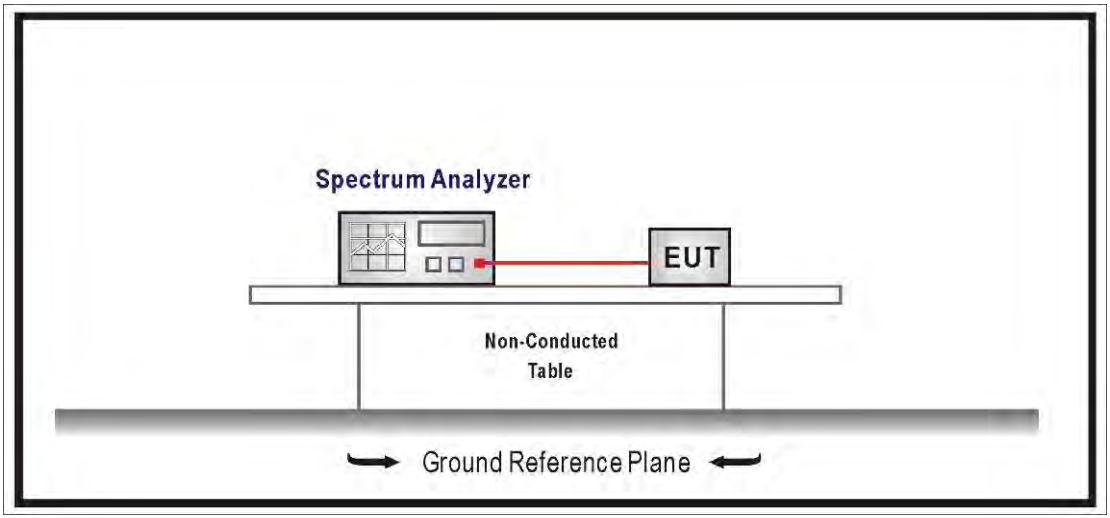
The following test equipments are used during the radiated emission tests:

Peak Transmit Output / SR10-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A	US47140172	2017/08/08

Note: All equipments that need to calibrate are with calibration period of 1 year.

4.2. Test Setup



4.3. Limits

1. For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).
2. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
3. For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
4. For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

5. For the band 5.25-5.35 GHz, the peak transmit power over the frequency band of operation shall not exceed the lesser of 250 mW. If transmitting antenna of directional gain greater than 6 dBi are used, the peak transmit power shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
6. For the band 5.725-5.850 GHz, the peak transmit power over the frequency band of operation shall not exceed the lesser of 1W. If transmitting antenna of directional gain greater than 6 dBi are used, the peak transmit power shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.

4.4. Test Procedure

The EUT was setup to ANSI C63.10: 2013; tested to U-NII test procedure of 789033 D02 V01r03 and 662911 D01 v02r01 for compliance to FCC 47CFR Subpart E requirements.
The Method SA-1 of the Maximum conducted output power was used.
Set RBW=1MHz, VBW=3MHz with RMS detector and trace average 100 traces in power averaging mode. Set span to encompass the entire emission bandwidth (EBW) of the signal.

4.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

4.6. Test Result

Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Transmit power		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

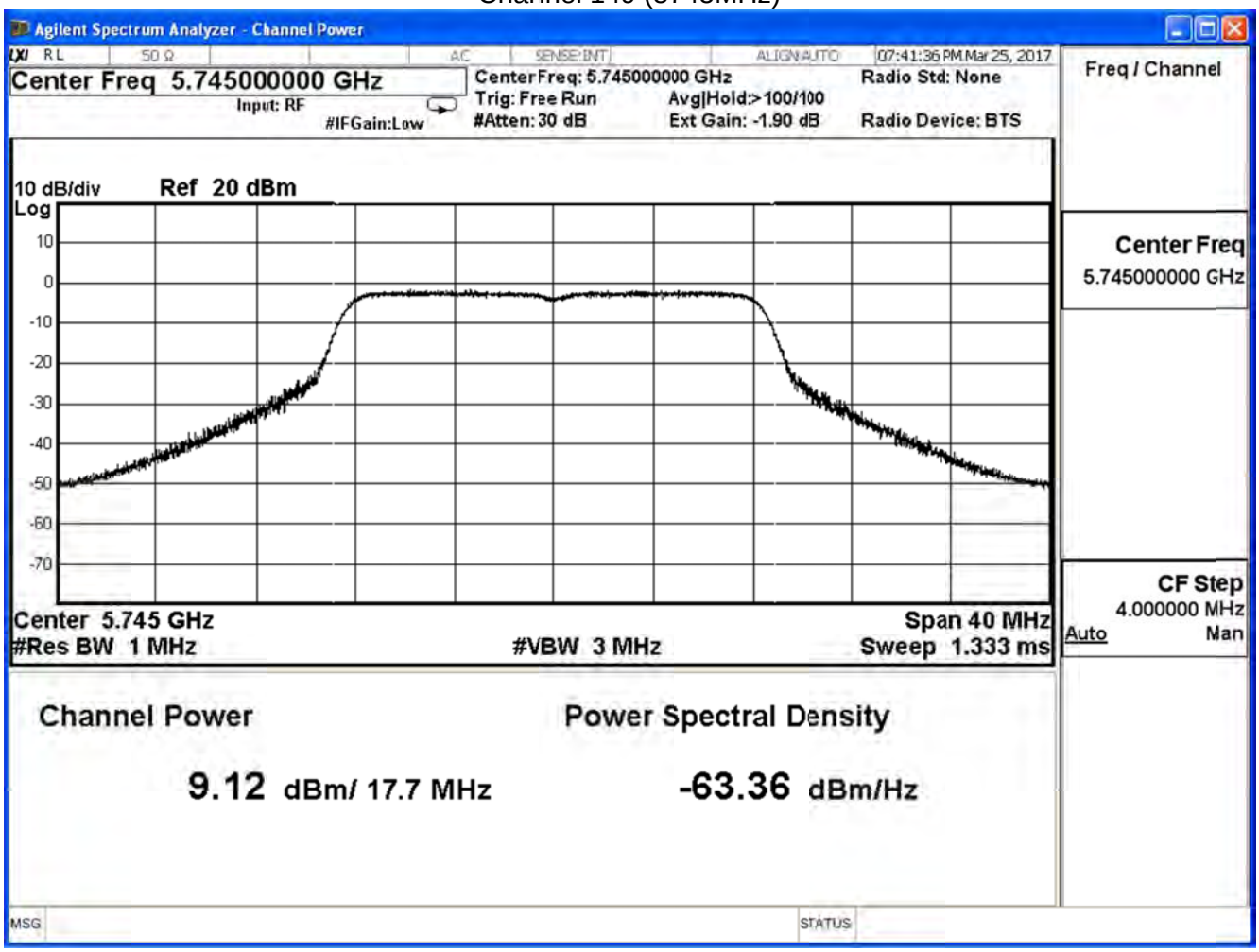
IEEE 802.11a (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	9.12	≦26.22
157	5785	8.16	≦26.22
165	5825	7.34	≦26.22

Peak Power Output (dBm)									
MCS Index		6	12	18	24	36	48	54	Require Limit
Channel No	Frequency (MHz)								
149	5745	9.120	--	--	--	--	--	--	≦26.22
157	5785	8.160	8.138	8.115	8.093	8.048	8.003	7.980	≦26.22
165	5825	7.340	--	--	--	--	--	--	≦26.22

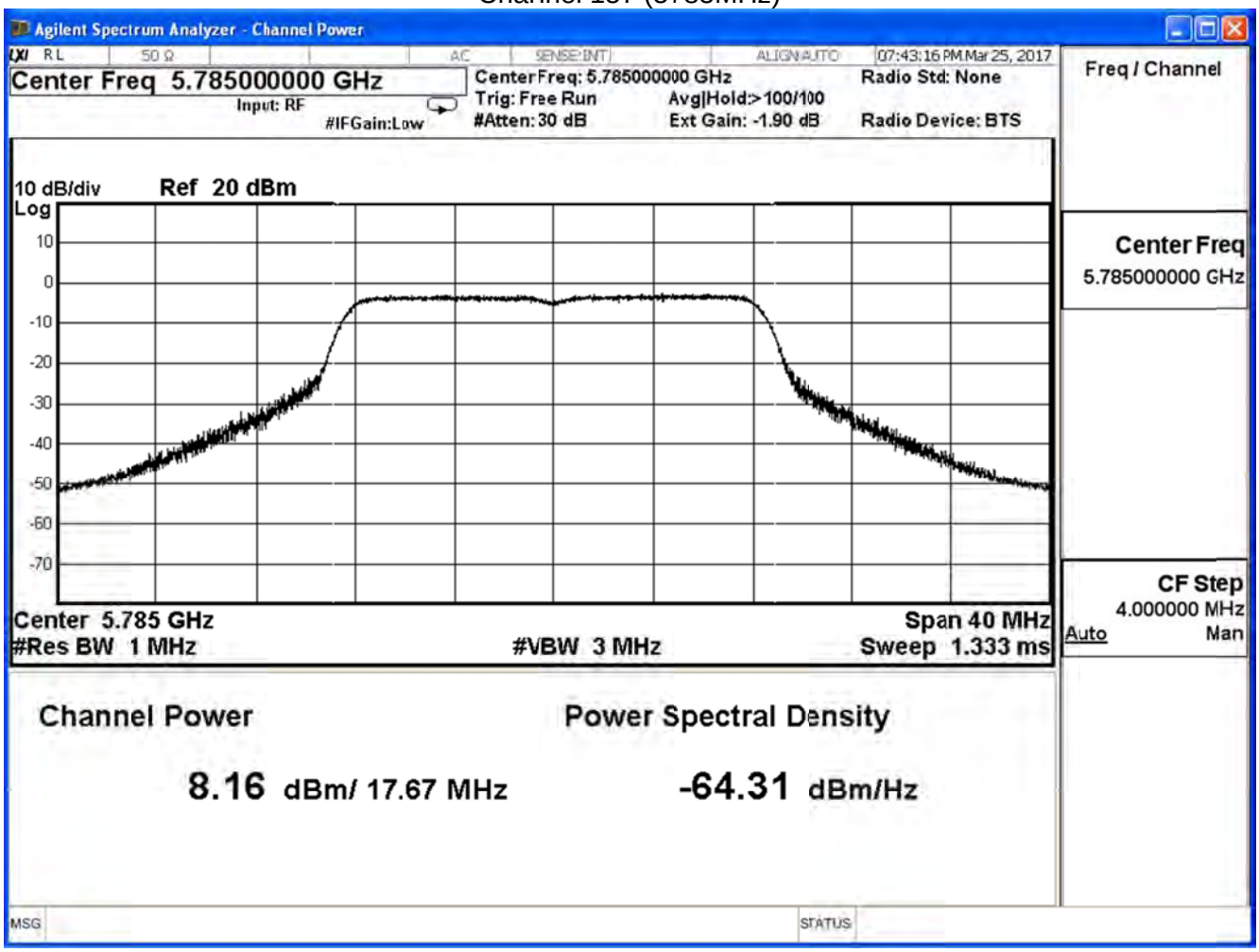
Directional gain=10log(ANT N)+Gain=7.78+2=9.78

Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

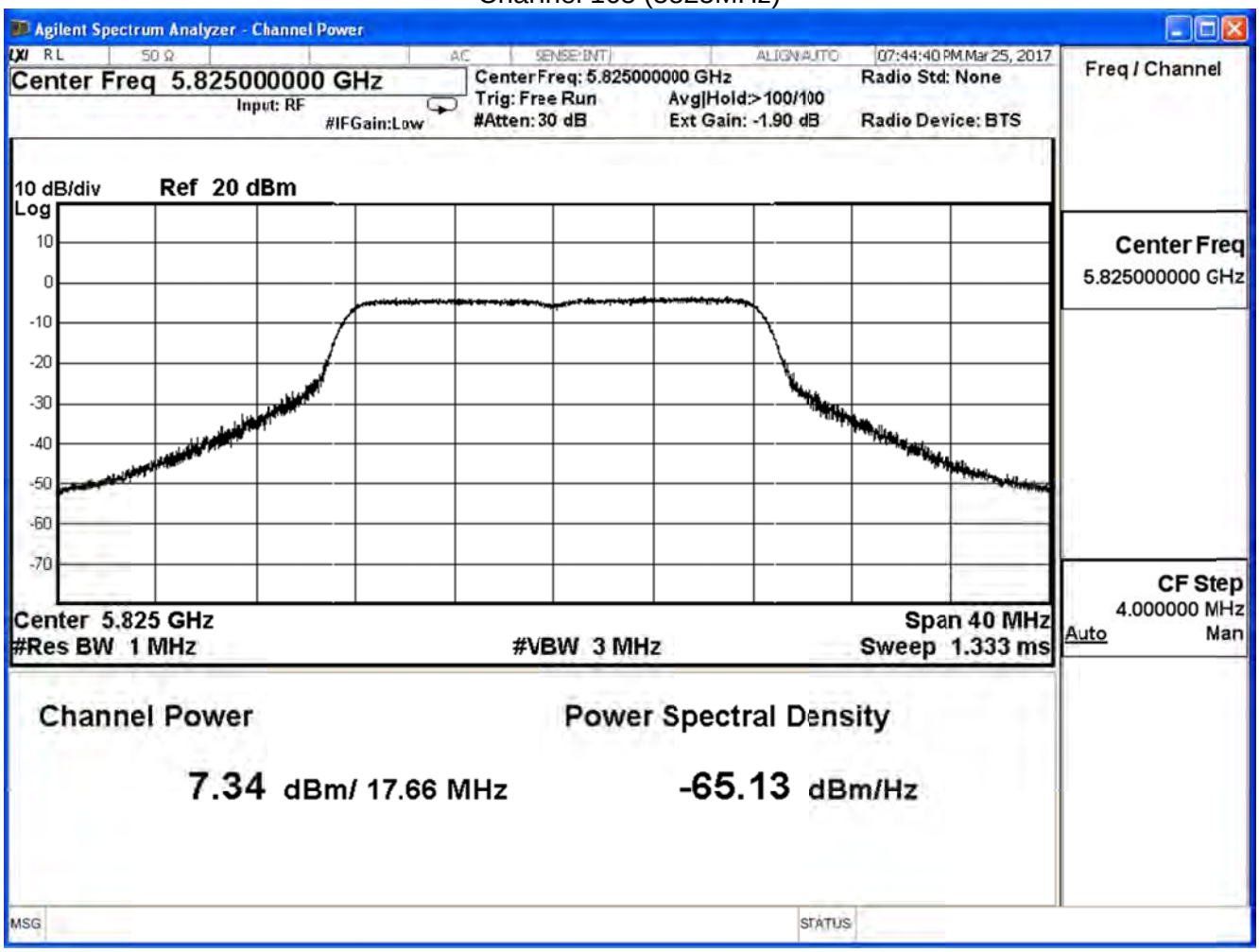
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Transmit power		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

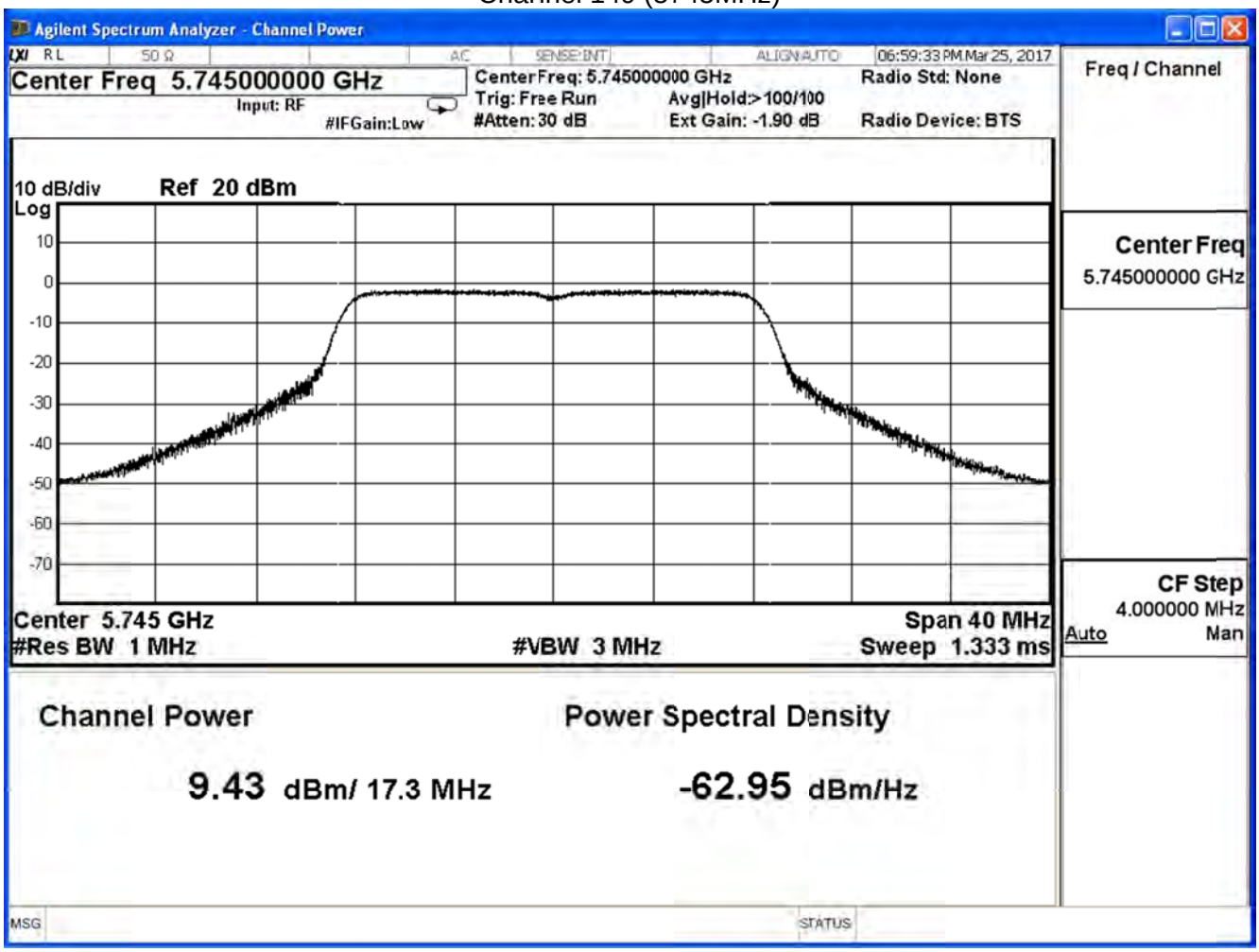
IEEE 802.11a (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	9.43	≦26.22
157	5785	8.87	≦26.22
165	5825	8.16	≦26.22

Peak Power Output (dBm)									
MCS Index		6	12	18	24	36	48	54	Require Limit
Channel No	Frequency (MHz)								
149	5745	9.430	--	--	--	--	--	--	≦26.22
157	5785	8.870	8.855	8.840	8.825	8.795	8.765	8.750	≦26.22
165	5825	8.160	--	--	--	--	--	--	≦26.22

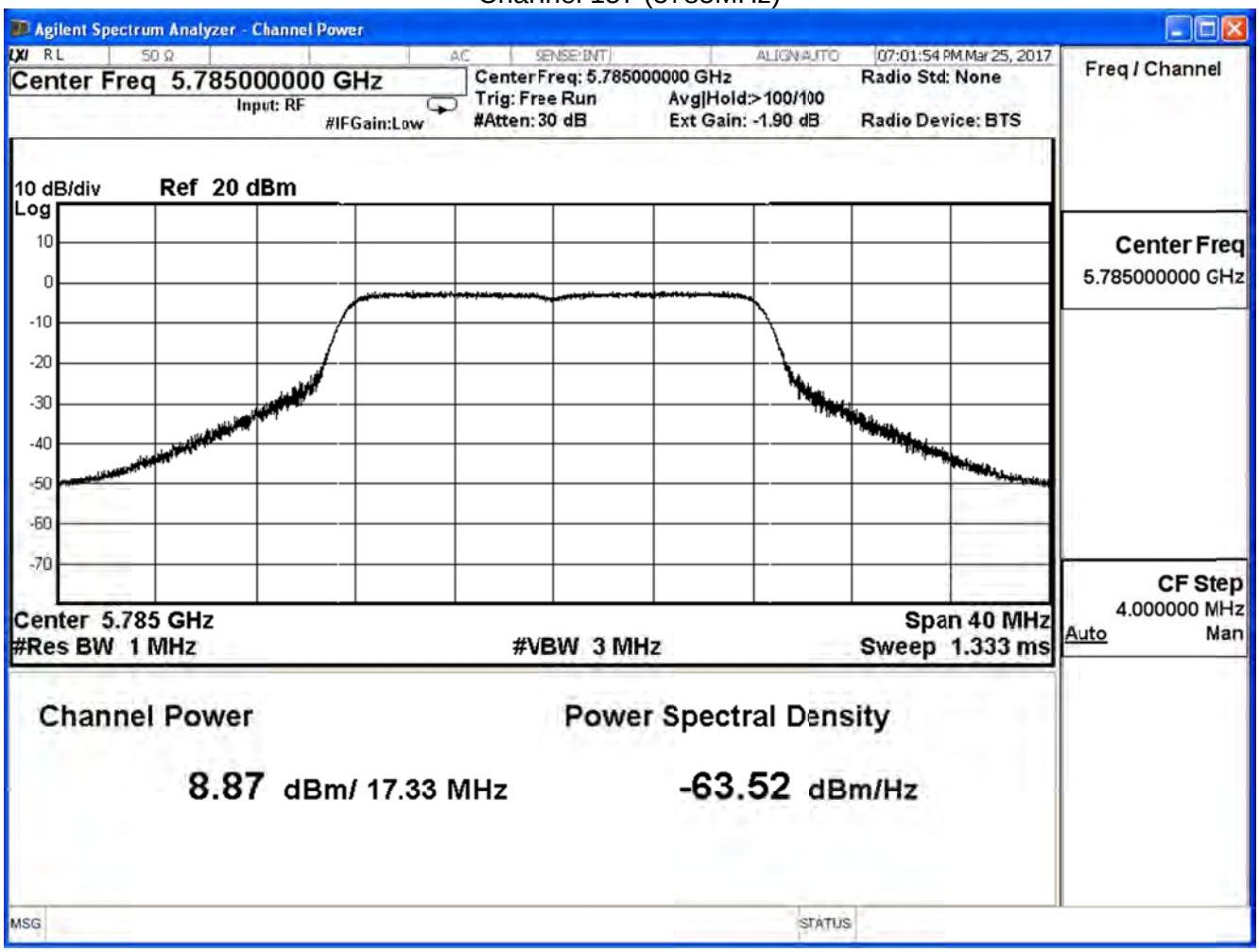
Directional gain=10log(ANT N)+Gain=7.78+2=9.78

Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

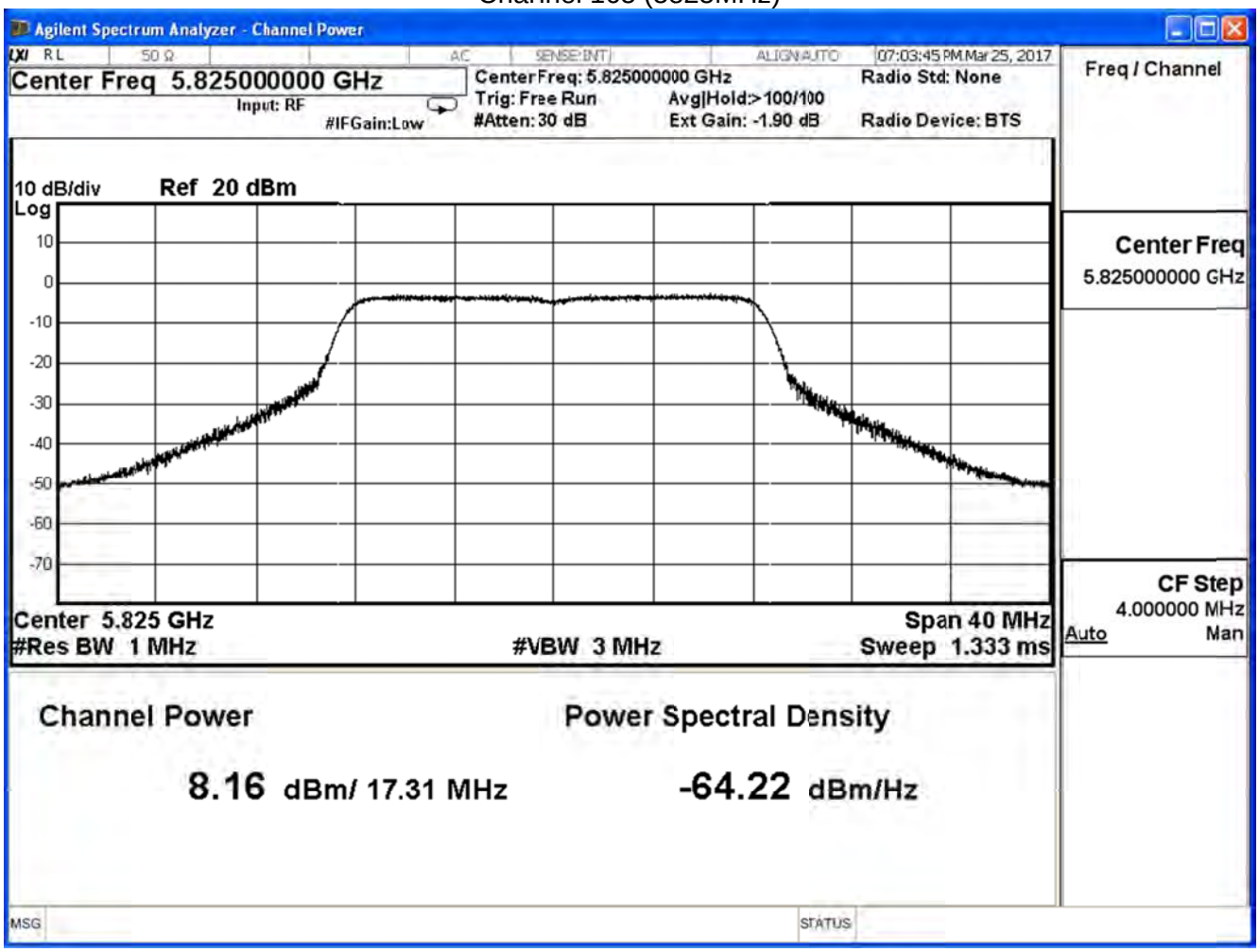
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Transmit power		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

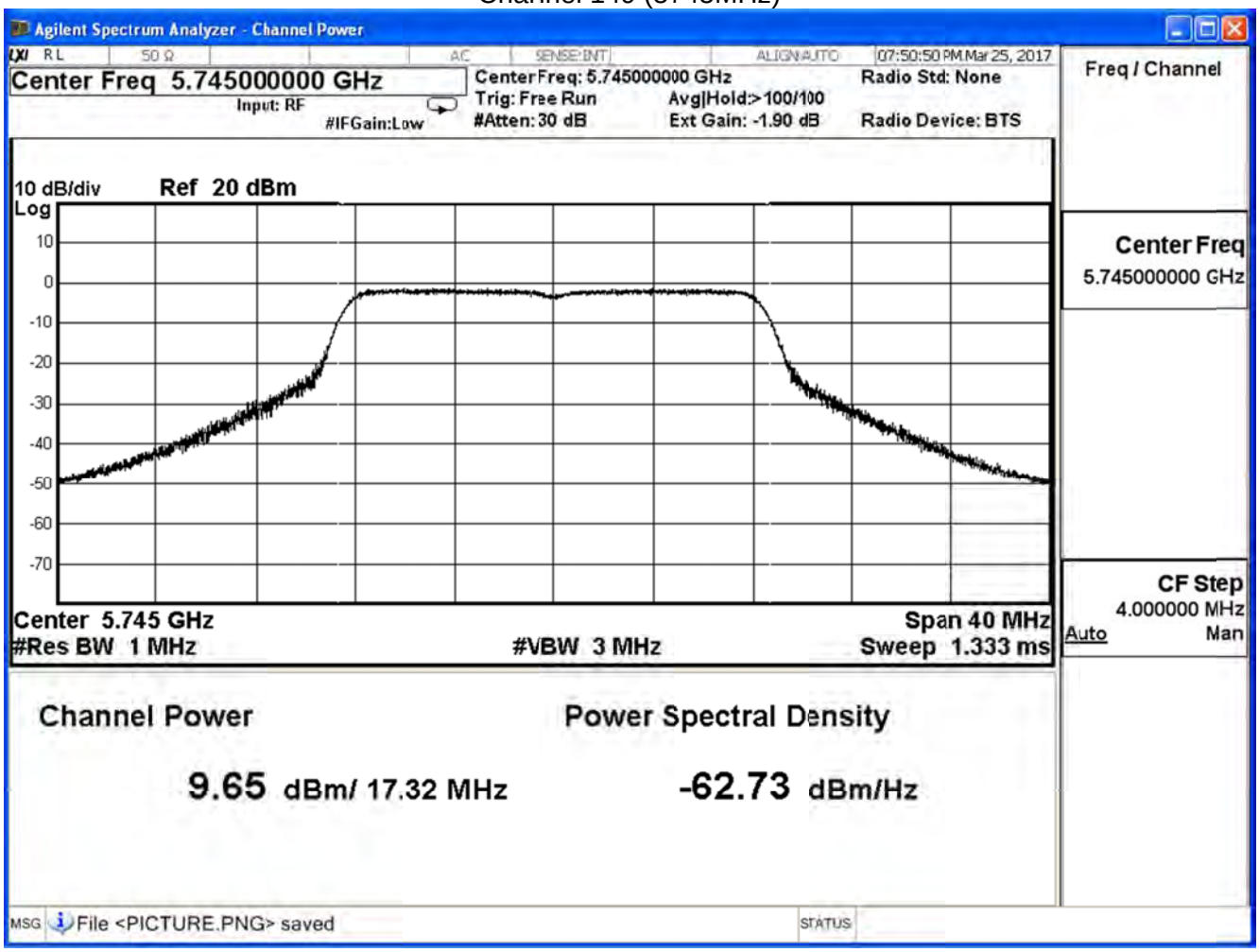
IEEE 802.11a (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	9.65	≦26.22
157	5785	8.78	≦26.22
165	5825	8.01	≦26.22

Peak Power Output (dBm)									
MCS Index		6	12	18	24	36	48	54	Require Limit
Channel No	Frequency (MHz)								
149	5745	9.650	--	--	--	--	--	--	≦26.22
157	5785	8.780	8.736	8.693	8.649	8.561	8.474	8.430	≦26.22
165	5825	8.010	--	--	--	--	--	--	≦26.22

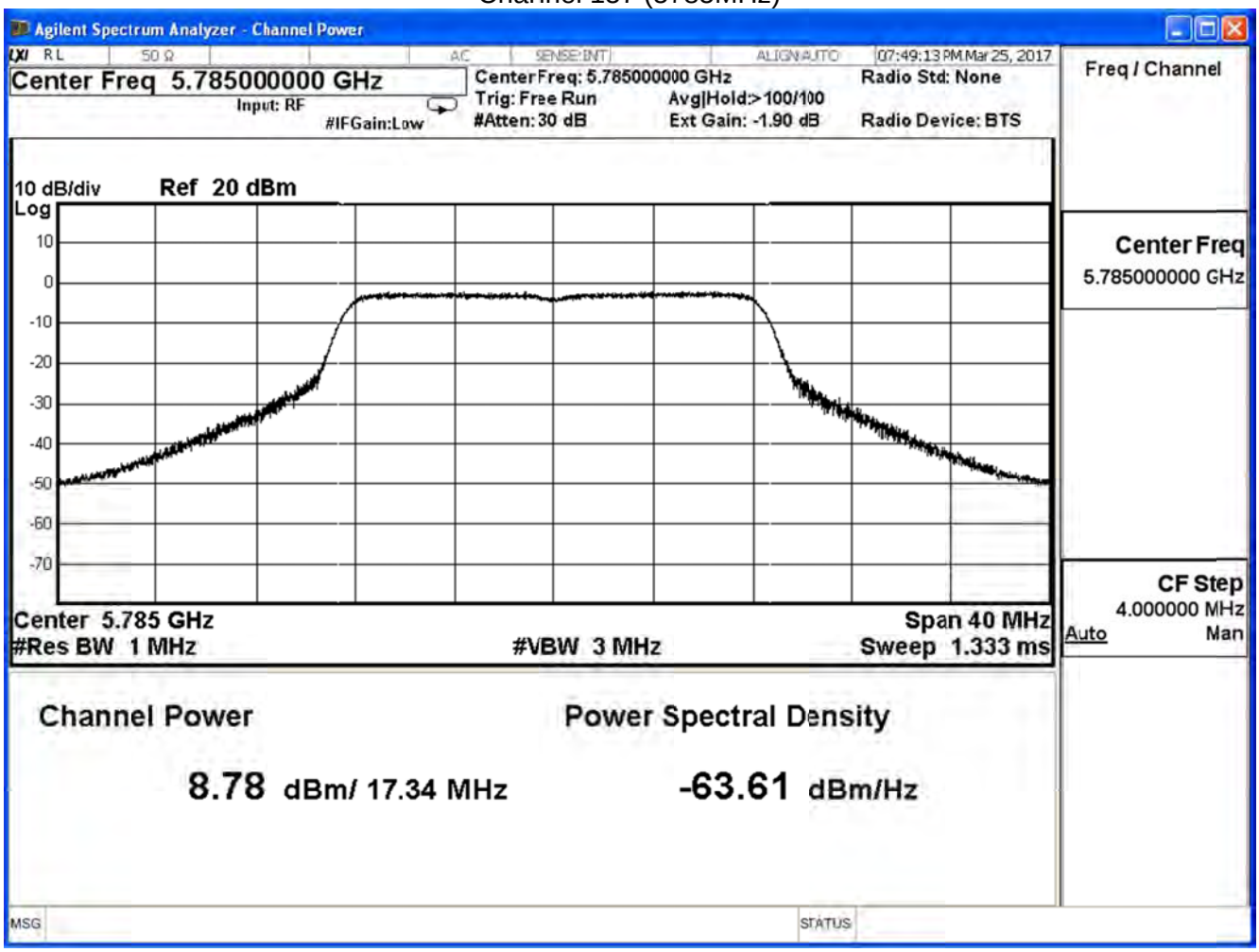
Directional gain=10log(ANT N)+Gain=7.78+2=9.78

Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

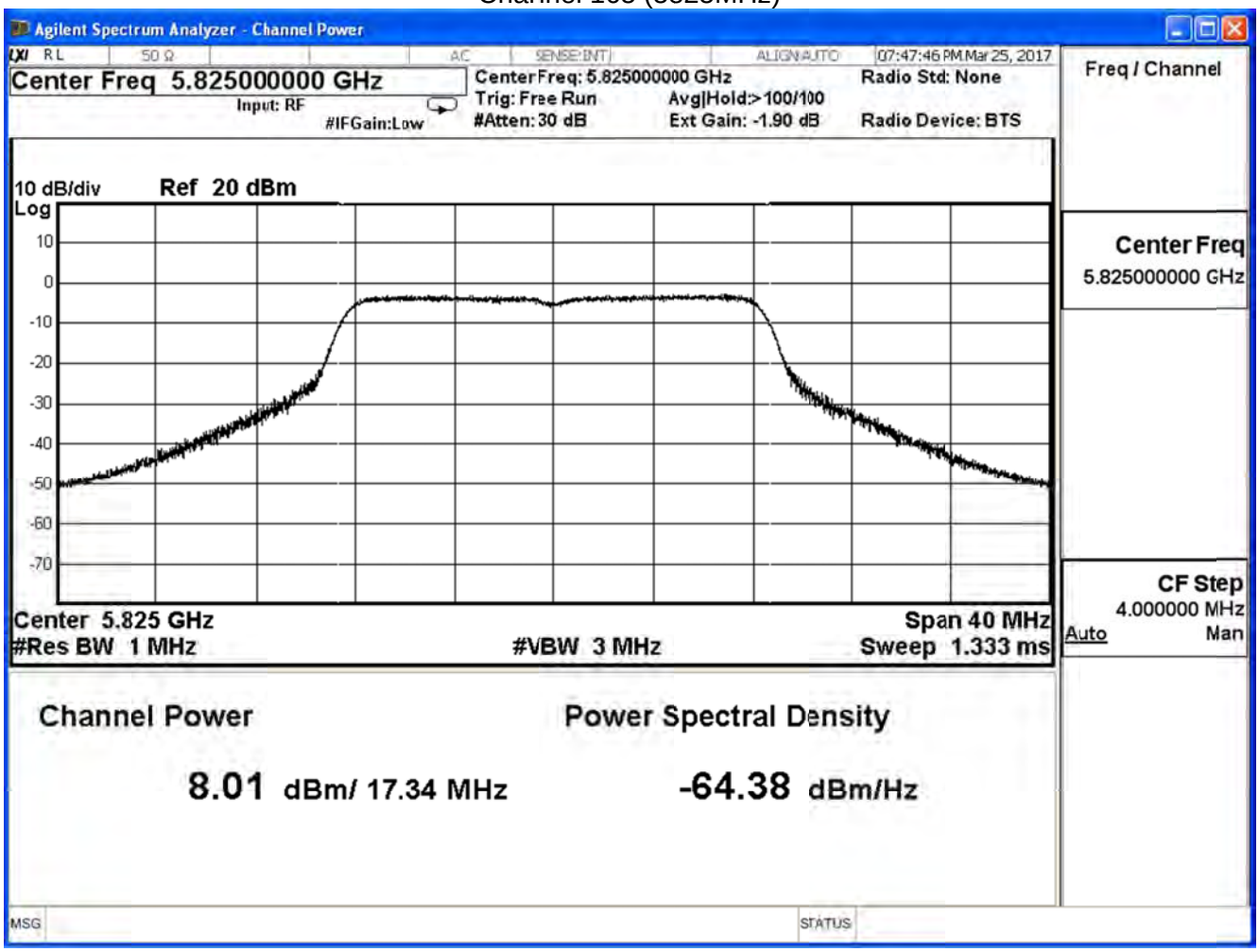
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Transmit power		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

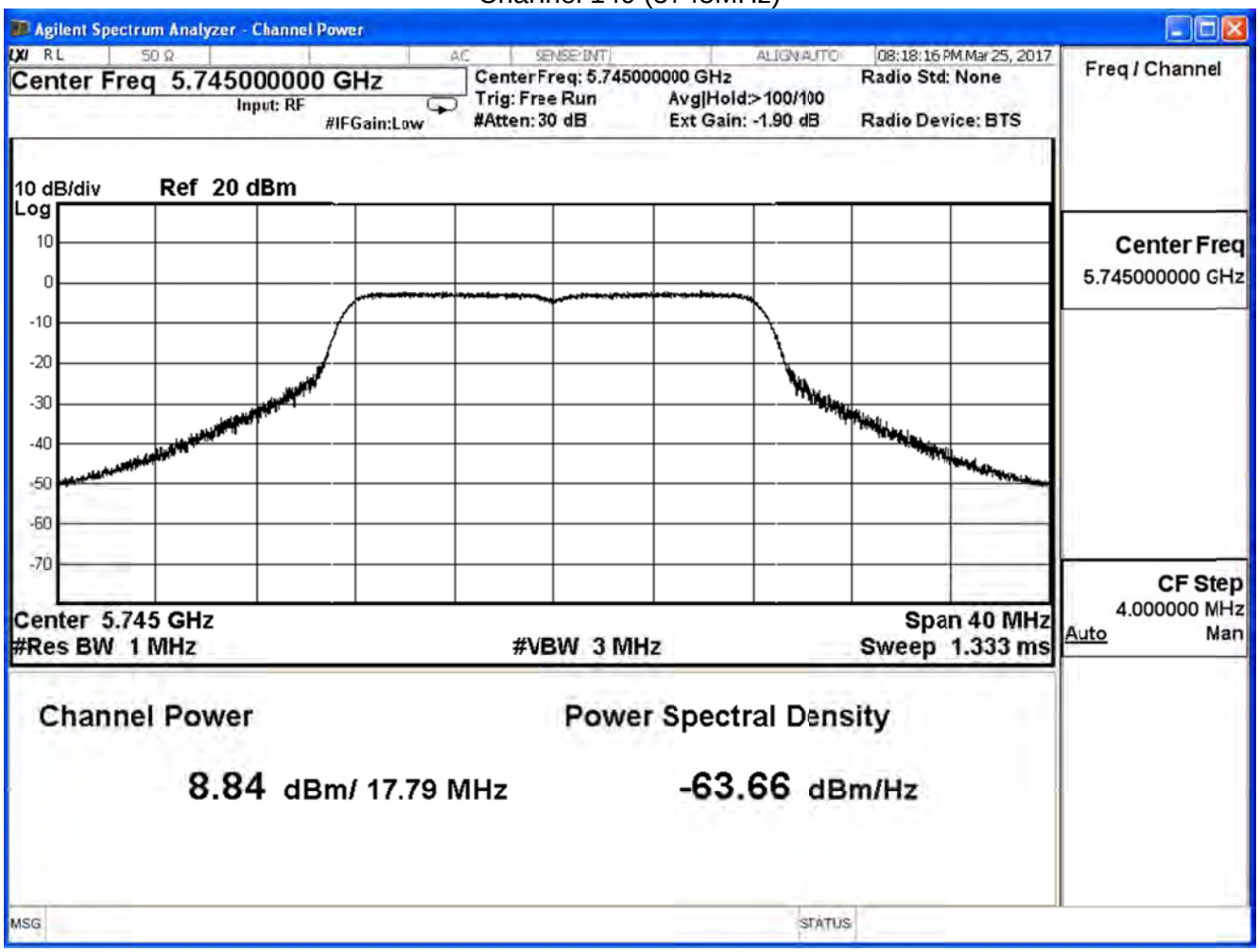
IEEE 802.11a (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	8.84	≦26.22
157	5785	7.83	≦26.22
165	5825	7.59	≦26.22

Peak Power Output (dBm)									
MCS Index		6	12	18	24	36	48	54	Require Limit
Channel No	Frequency (MHz)								
149	5745	8.840	--	--	--	--	--	--	≦26.22
157	5785	7.830	7.810	7.790	7.770	7.730	7.690	7.670	≦26.22
165	5825	7.590	--	--	--	--	--	--	≦26.22

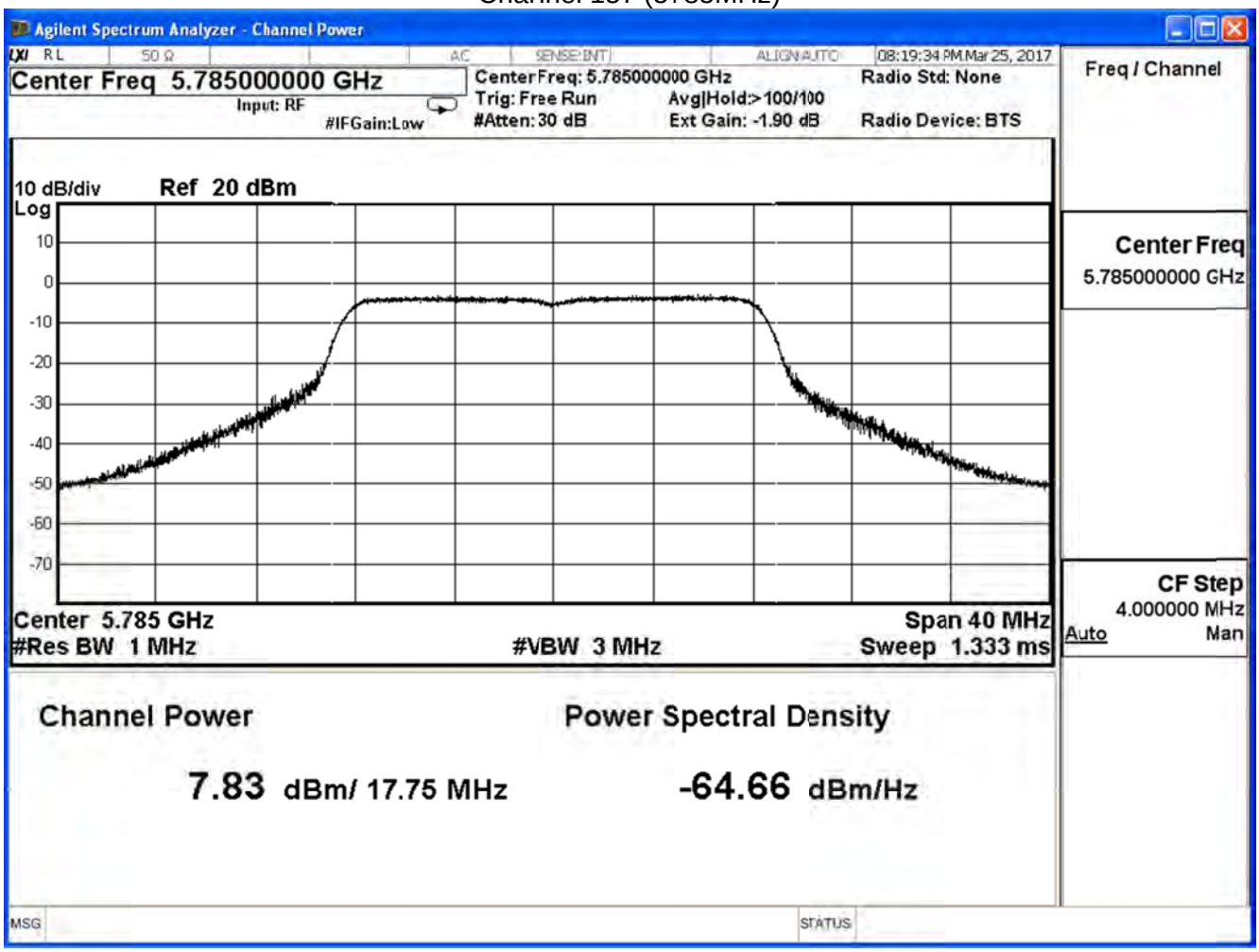
Directional gain=10log(ANT N)+Gain=7.78+2=9.78

Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

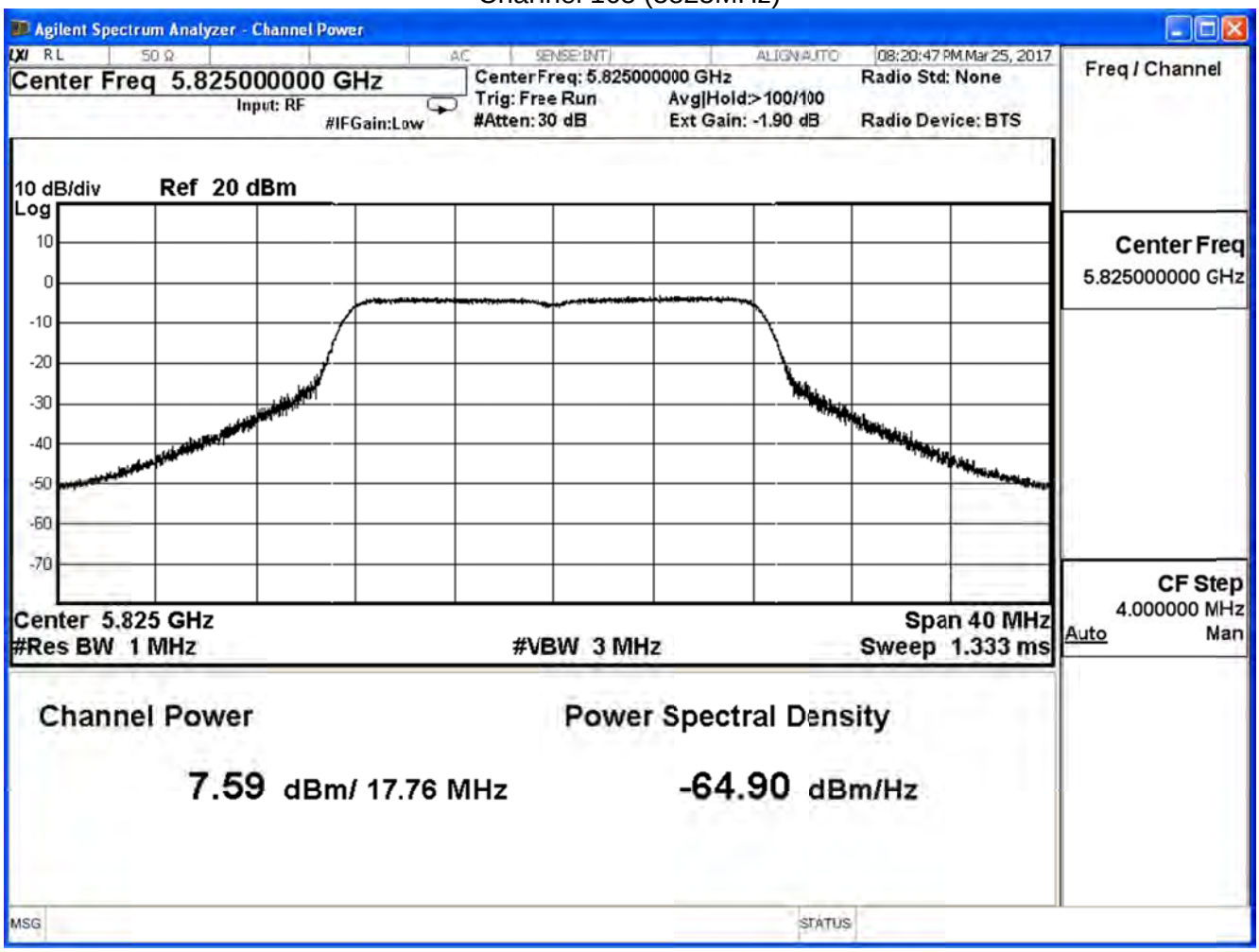
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Transmit power		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

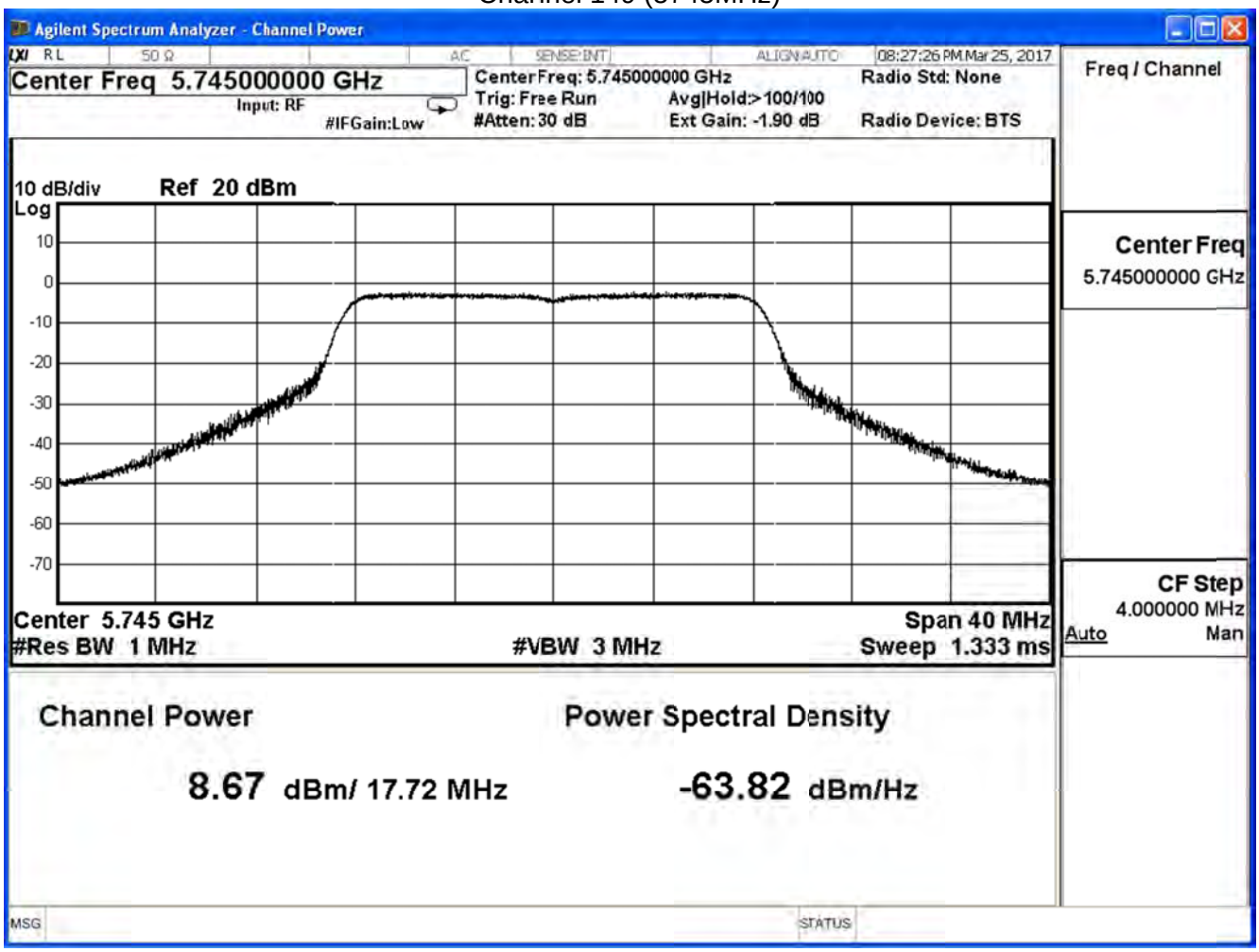
IEEE 802.11a (ANT 4)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	8.67	≦26.22
157	5785	8.37	≦26.22
165	5825	8.60	≦26.22

Peak Power Output (dBm)									
MCS Index		6	12	18	24	36	48	54	Require Limit
Channel No	Frequency (MHz)								
149	5745	8.670	--	--	--	--	--	--	≦26.22
157	5785	8.370	8.338	8.305	8.273	8.208	8.143	8.110	≦26.22
165	5825	8.600	--	--	--	--	--	--	≦26.22

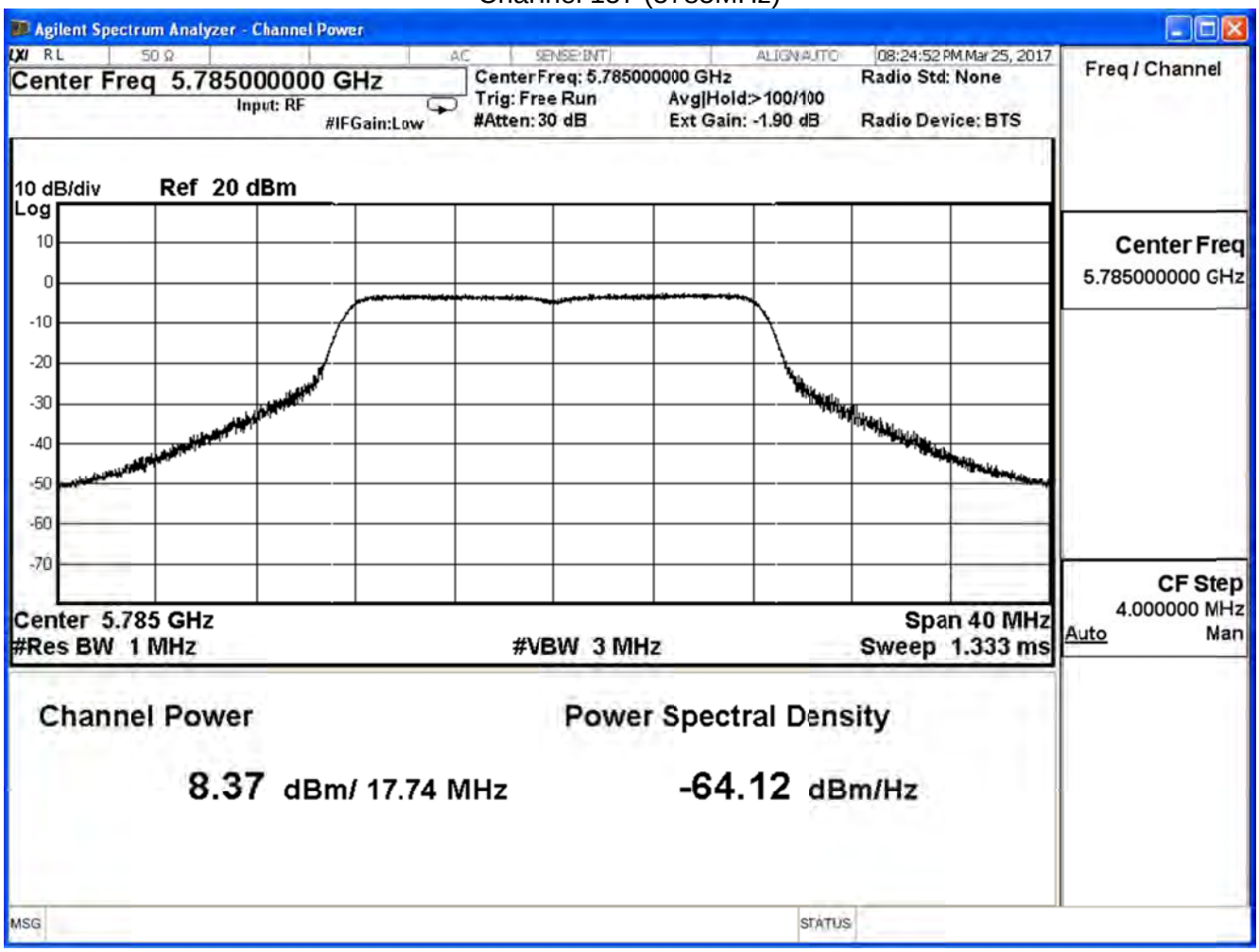
Directional gain=10log(ANT N)+Gain=7.78+2=9.78

Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

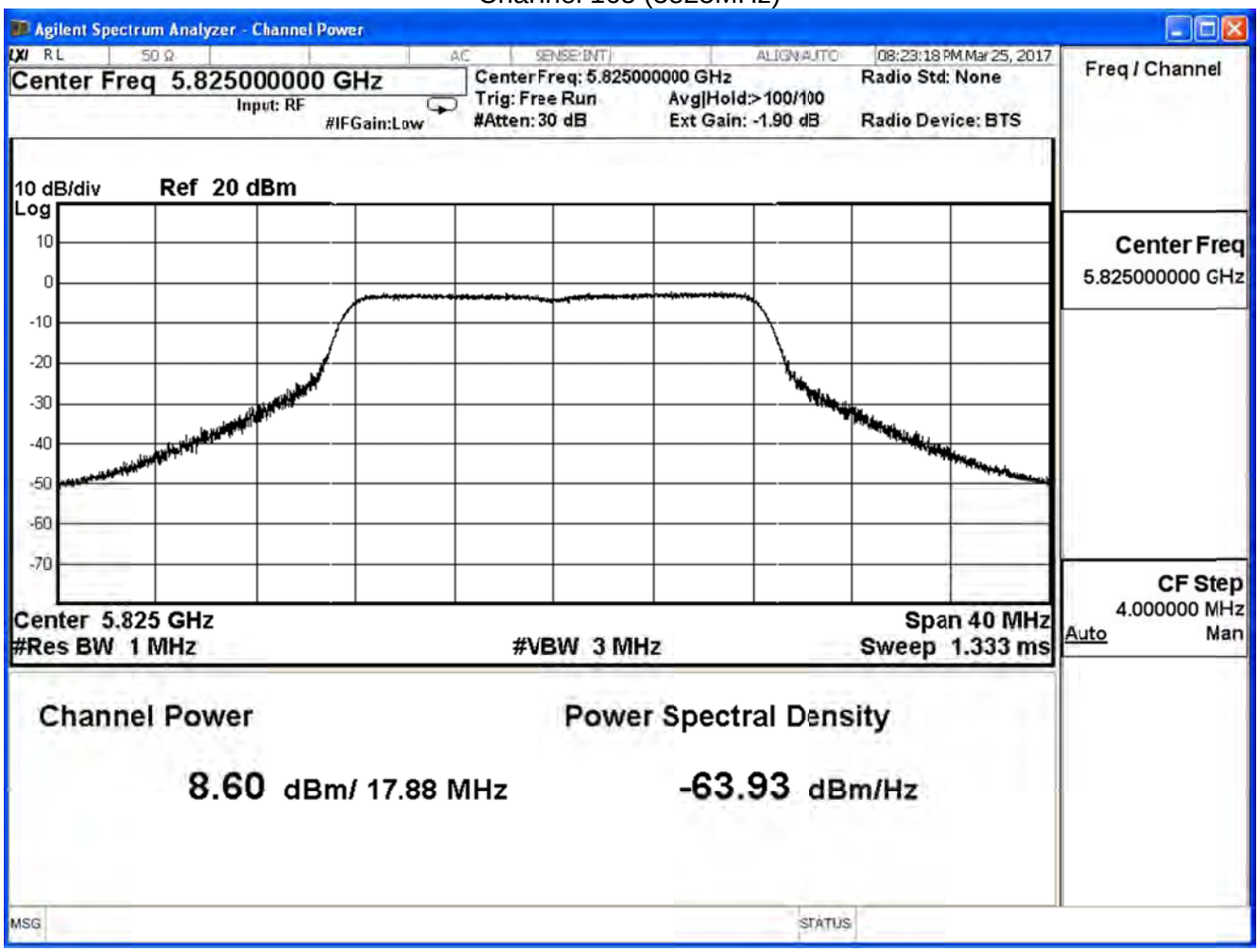
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Transmit power		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

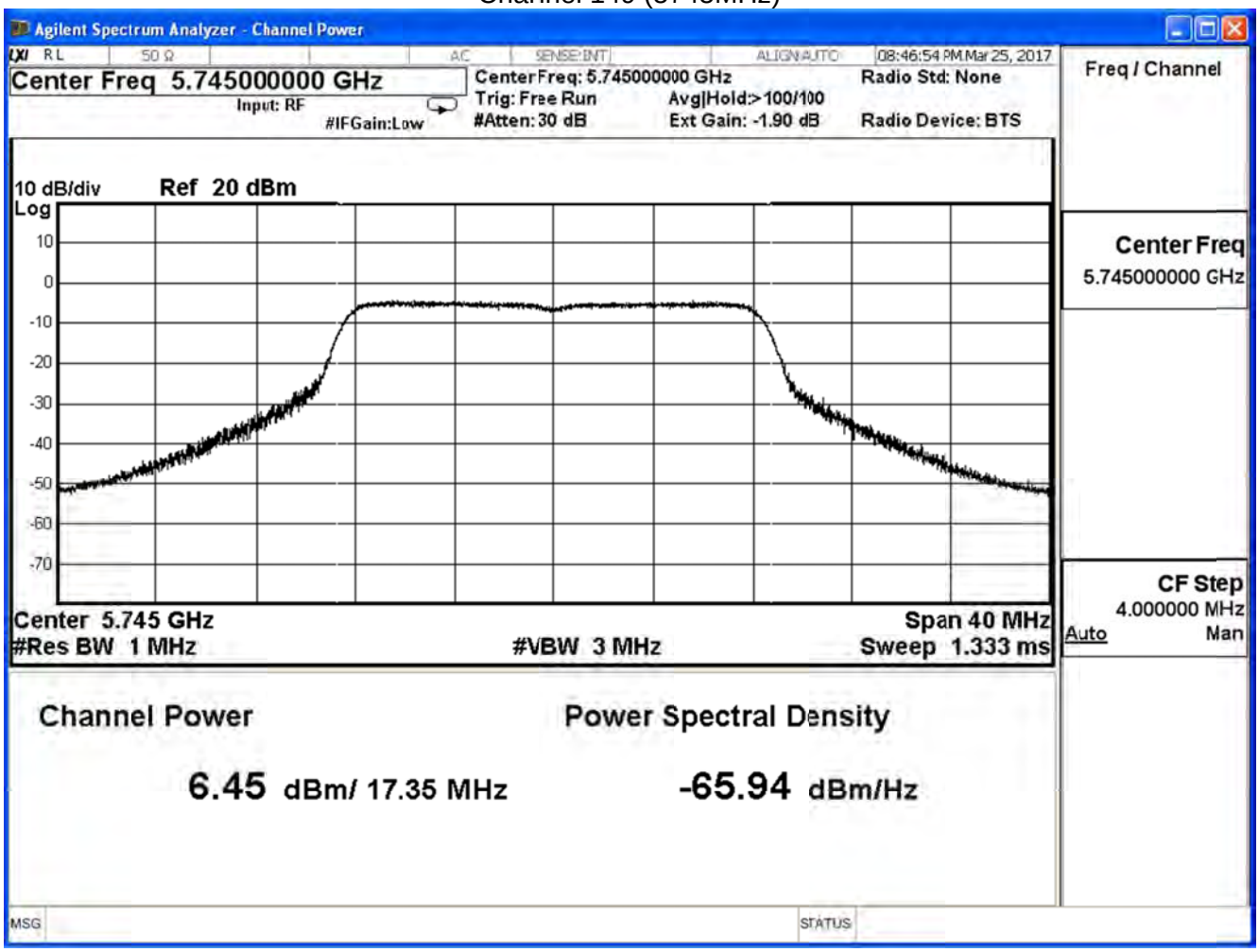
IEEE 802.11a (ANT 5)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	6.45	≦26.22
157	5785	6.09	≦26.22
165	5825	6.11	≦26.22

Peak Power Output (dBm)									
MCS Index		6	12	18	24	36	48	54	Require Limit
Channel No	Frequency (MHz)								
149	5745	6.450	--	--	--	--	--	--	≦26.22
157	5785	6.090	6.070	6.050	6.030	5.990	5.950	5.930	≦26.22
165	5825	6.110	--	--	--	--	--	--	≦26.22

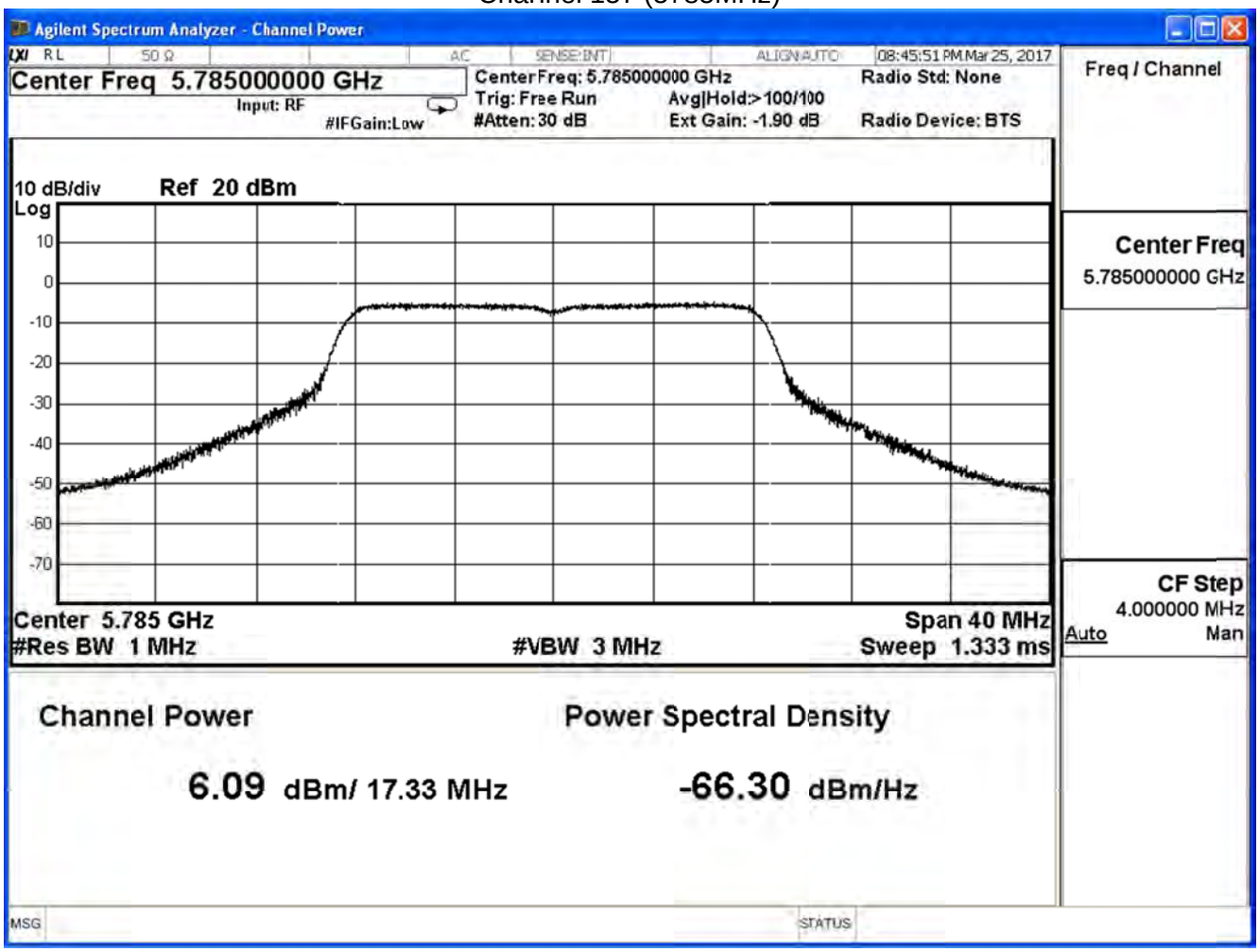
Directional gain=10log(ANT N)+Gain=7.78+2=9.78

Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

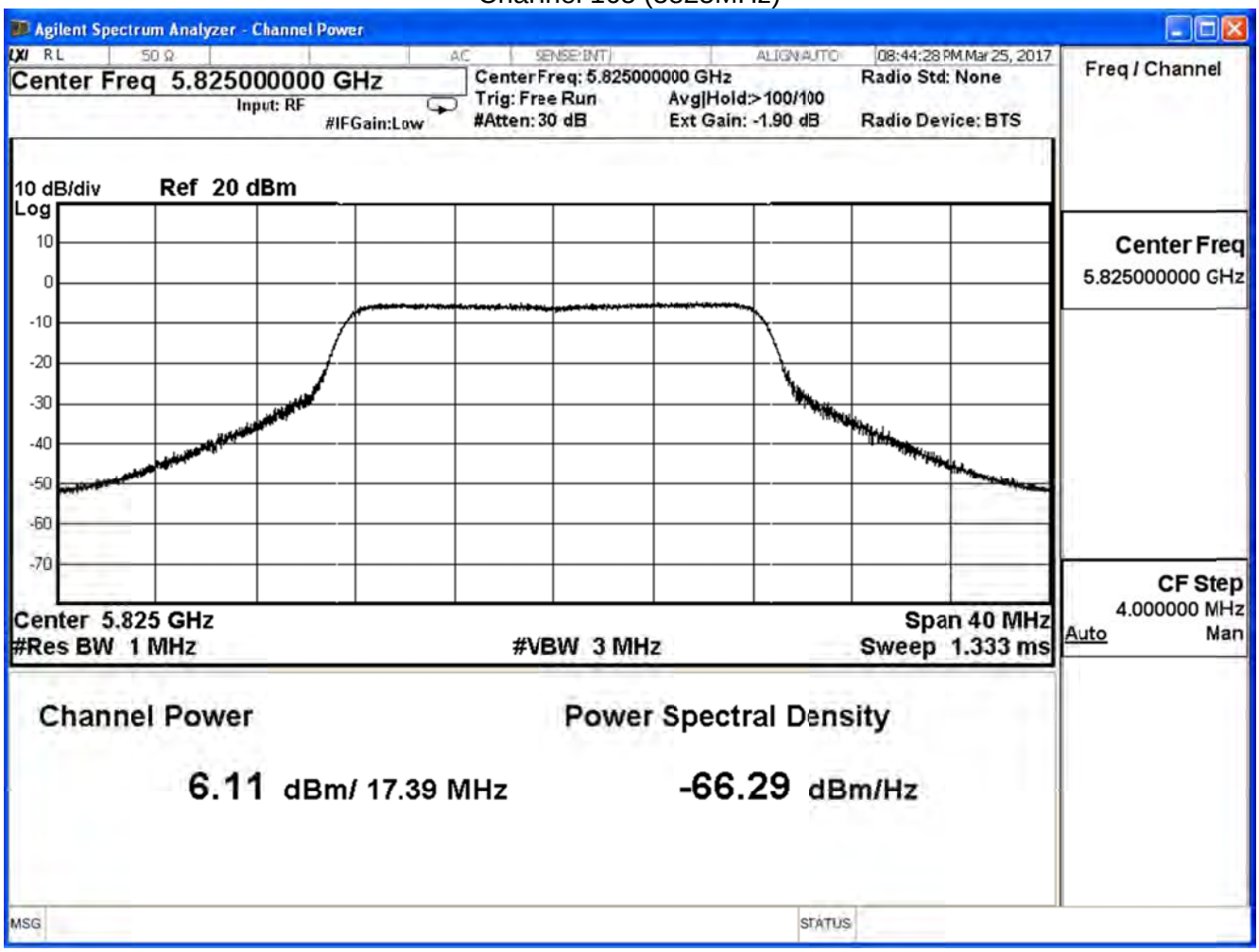
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Transmit power		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11a (ANT0+1+2+3+4+5)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	16.589	≦26.22
157	5785	15.889	≦26.22
165	5825	15.485	≦26.22

Directional gain=10log(ANT N)+Gain=7.78+2=9.78

Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Transmit power		
Test Mode	Mode 1: Transmit		
Date of Test	2017/02/17	Test Site	SR10-H

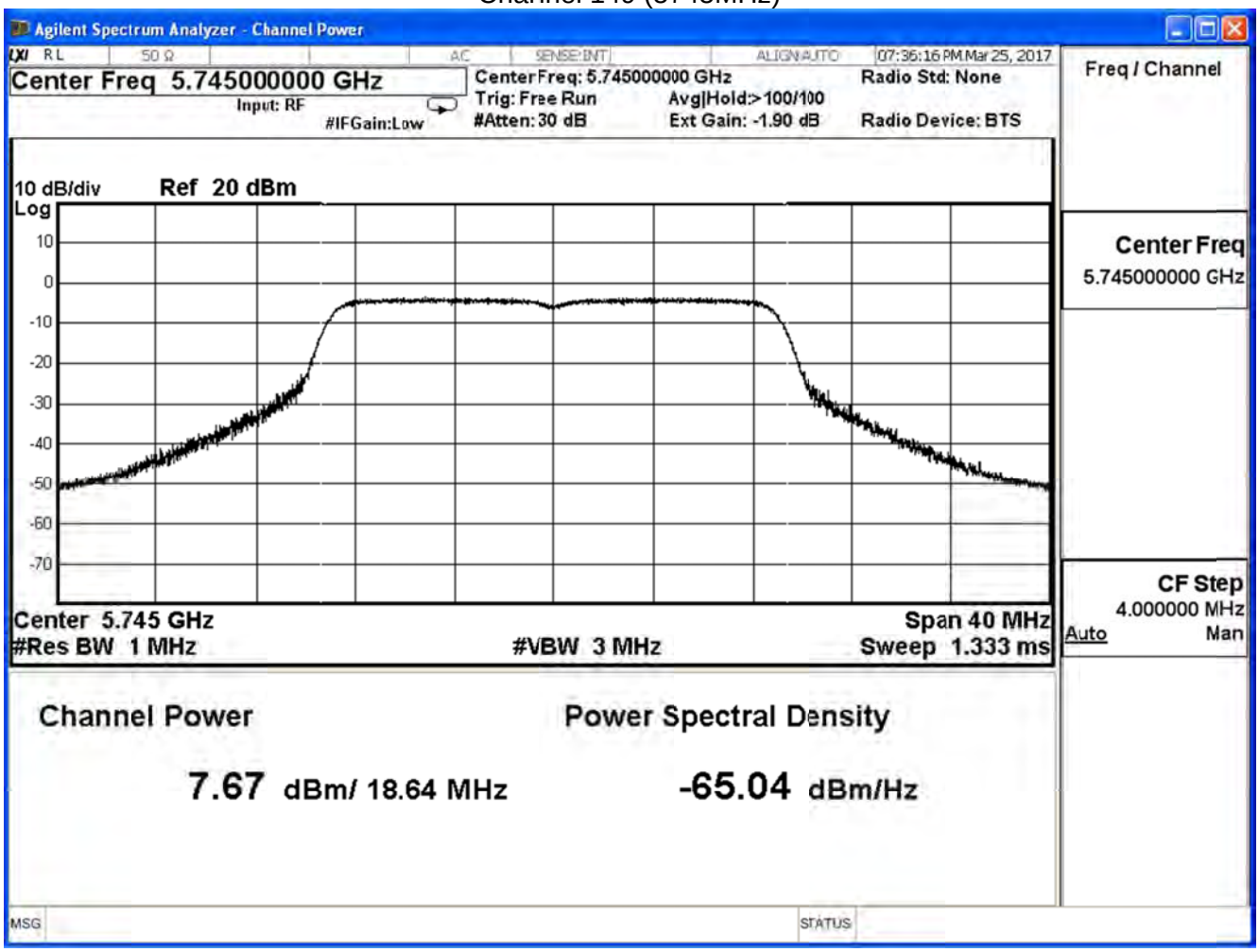
IEEE 802.11n (20M) (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	7.67	≦26.22
157	5785	5.54	≦26.22
165	5825	3.73	≦26.22

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Require Limit
Channel No	Frequency (MHz)									
149	5745	7.670	--	--	--	--	--	--	--	≦26.22
157	5785	5.540	5.524	5.509	5.493	5.477	5.461	5.446	5.430	≦26.22
165	5825	3.730	--	--	--	--	--	--	--	≦26.22

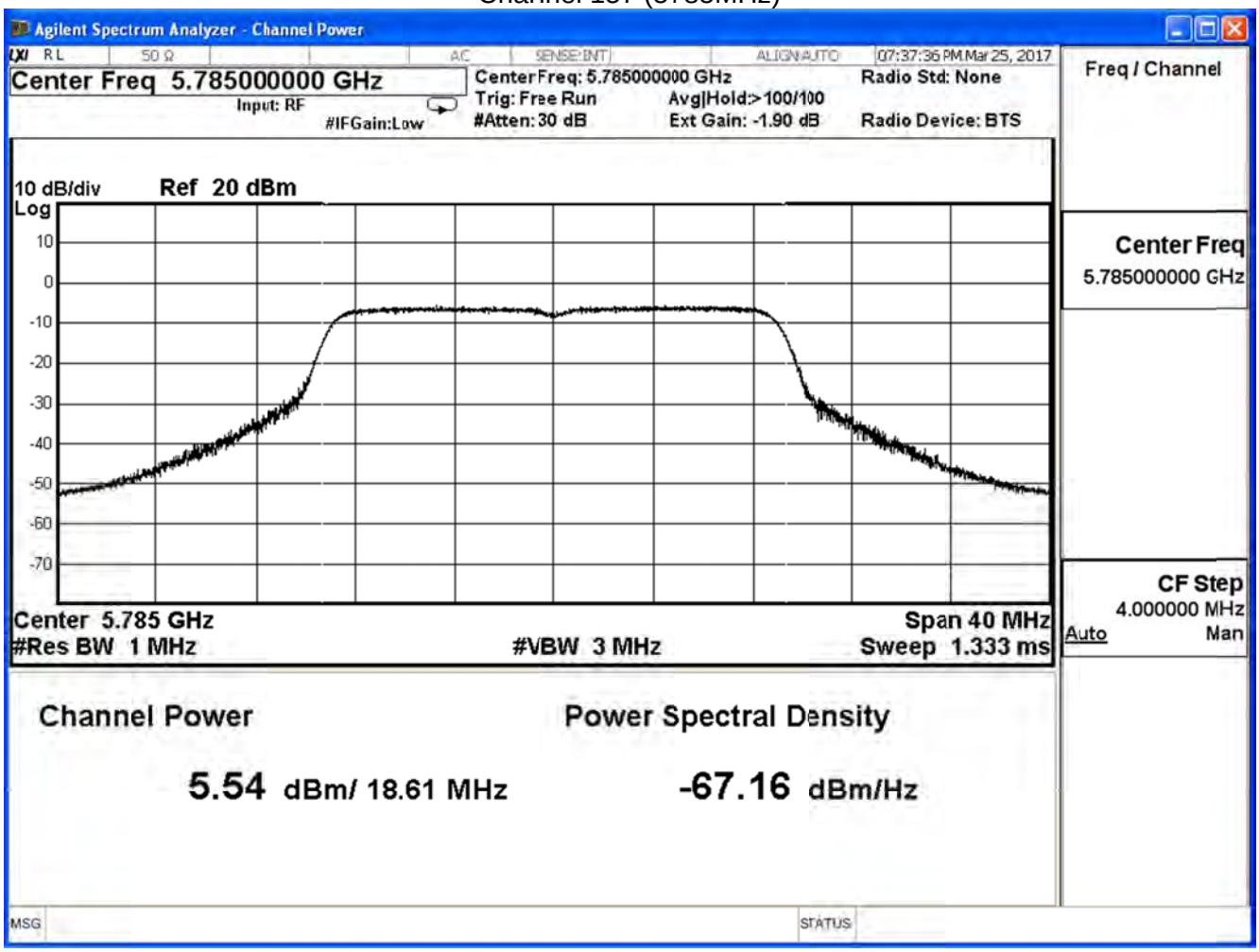
Directional gain=10log(ANT N)+Gain=7.78+2=9.78

Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

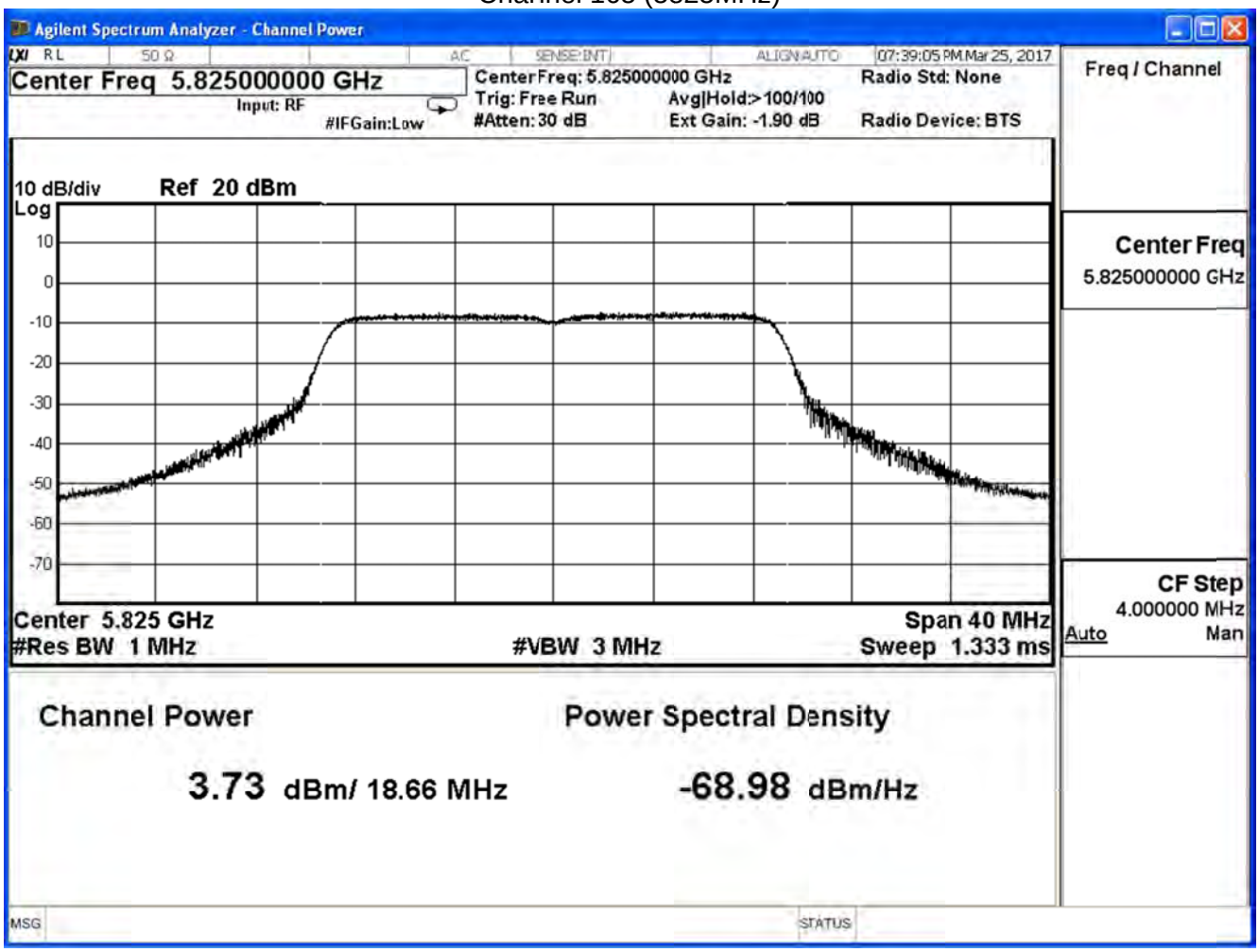
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Transmit power		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

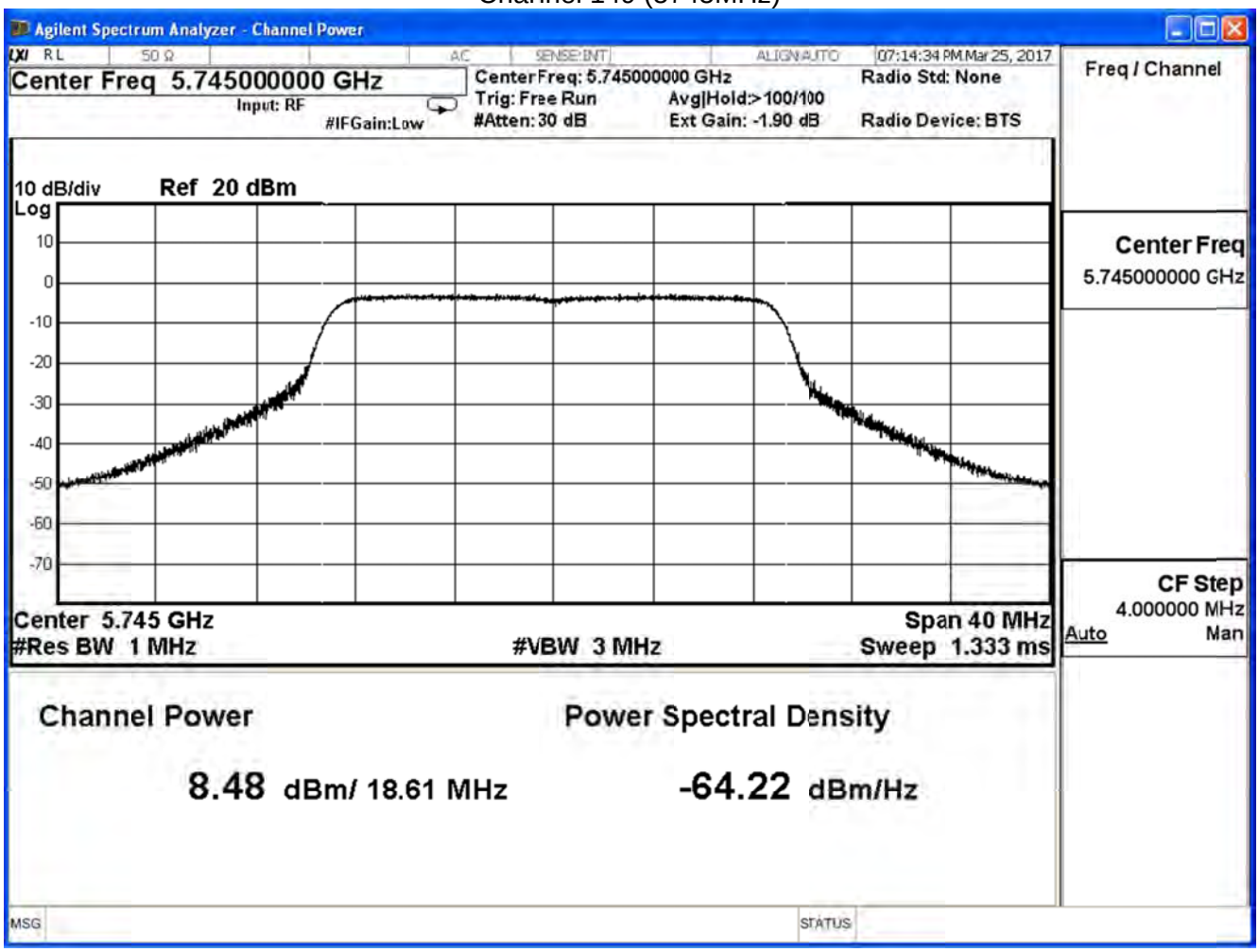
IEEE 802.11n (20M) (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	8.48	≦26.22
157	5785	6.04	≦26.22
165	5825	3.75	≦26.22

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Require Limit
Channel No	Frequency (MHz)									
149	5745	8.480	--	--	--	--	--	--	--	≦26.22
157	5785	6.040	5.969	5.897	5.826	5.754	5.683	5.611	5.54	≦26.22
165	5825	3.750	--	--	--	--	--	--	--	≦26.22

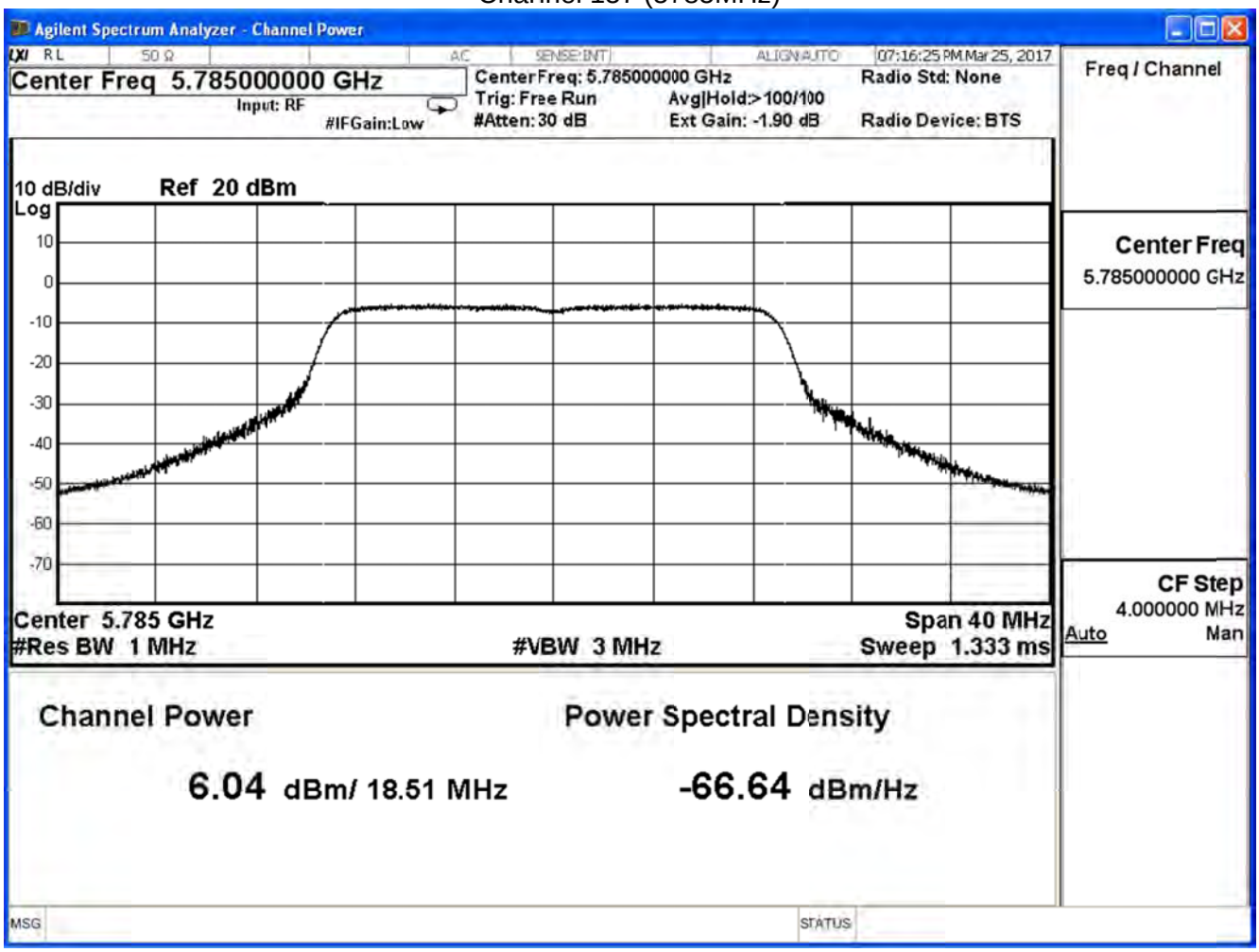
Directional gain=10log(ANT N)+Gain=7.78+2=9.78

Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

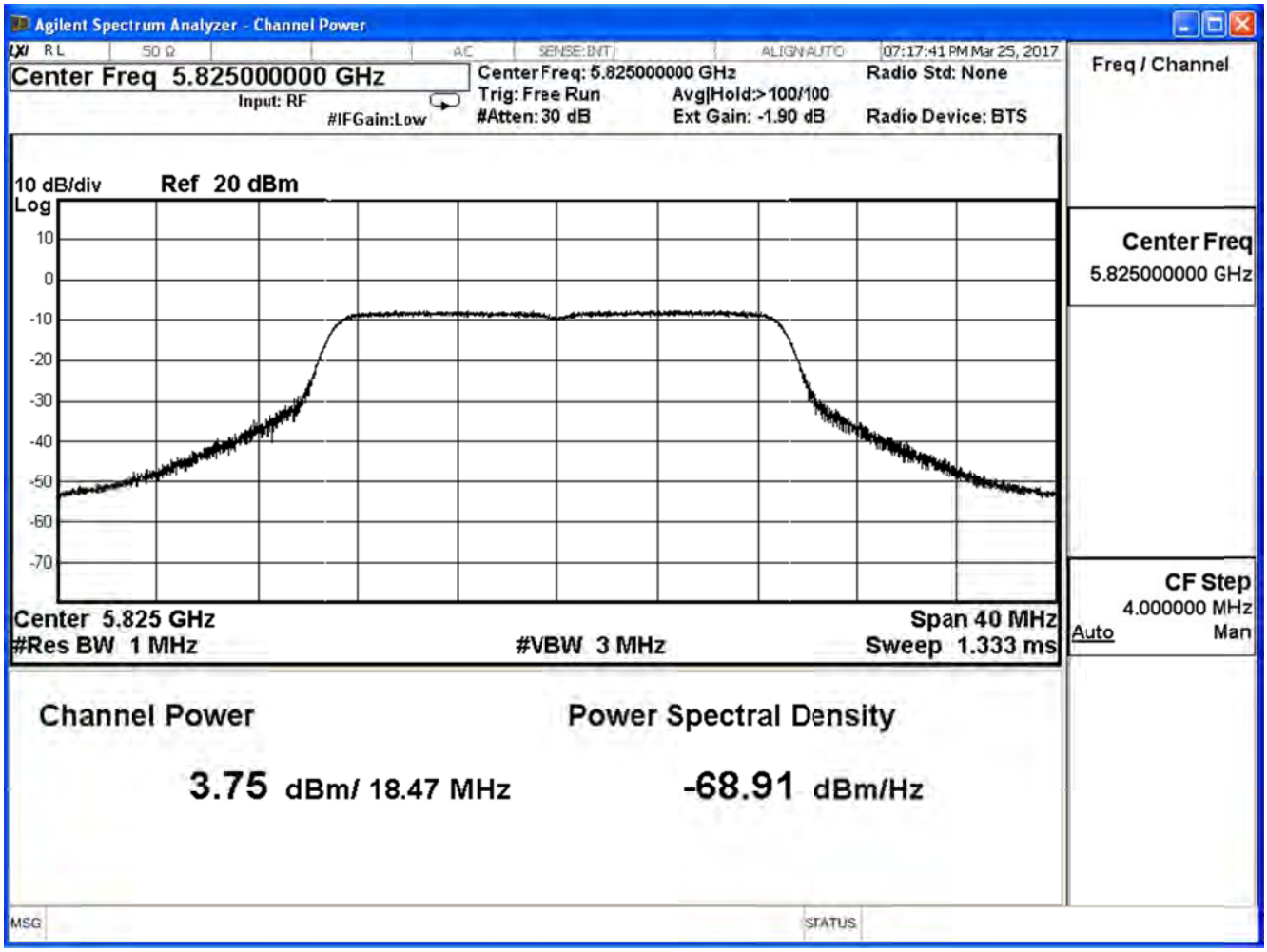
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Transmit power		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

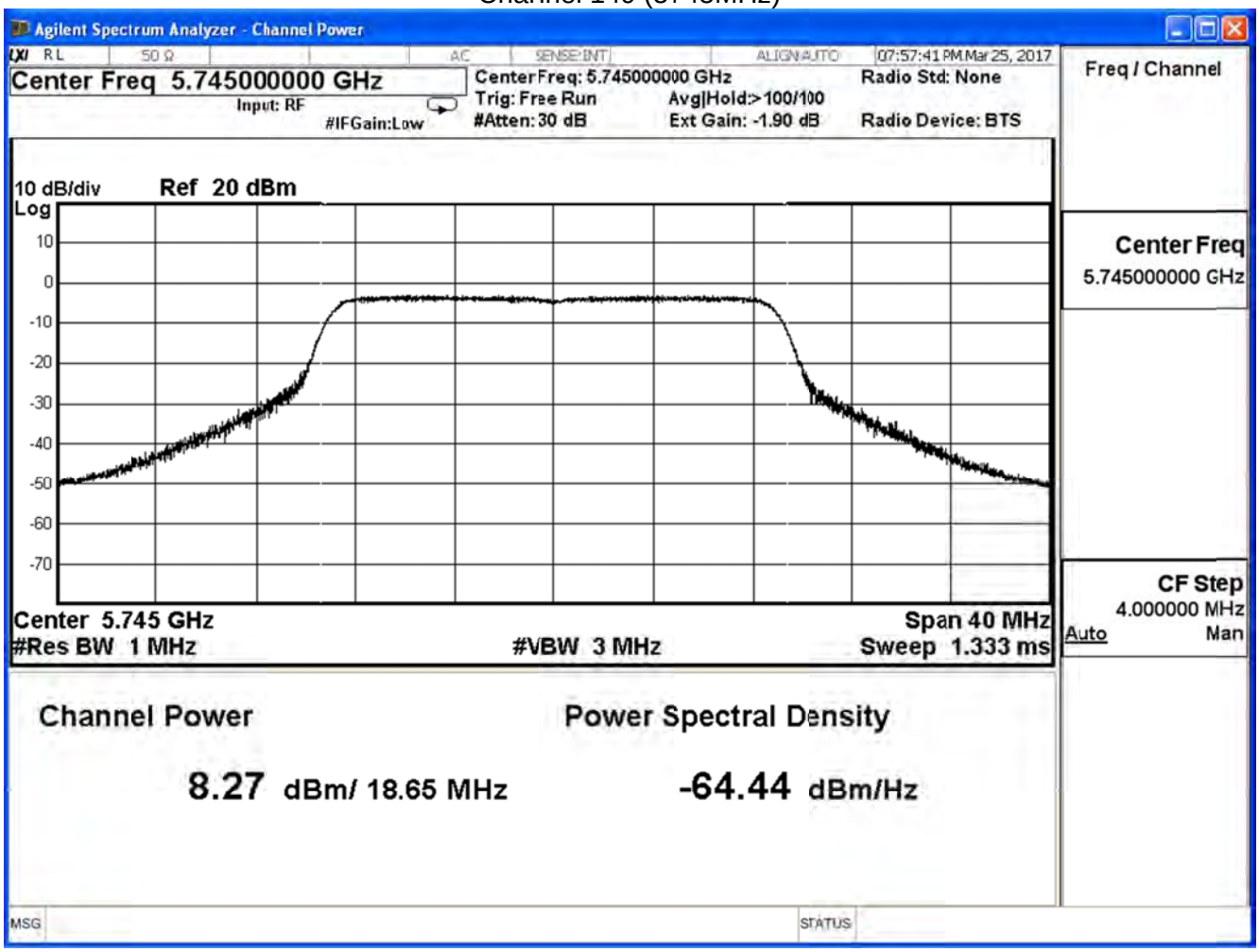
IEEE 802.11n (20M) (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	8.27	≦26.22
157	5785	6.16	≦26.22
165	5825	4.44	≦26.22

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Require Limit
Channel No	Frequency (MHz)									
149	5745	8.270	--	--	--	--	--	--	--	≦26.22
157	5785	6.160	6.130	6.100	6.070	6.040	6.010	5.980	5.950	≦26.22
165	5825	4.440	--	--	--	--	--	--	--	≦26.22

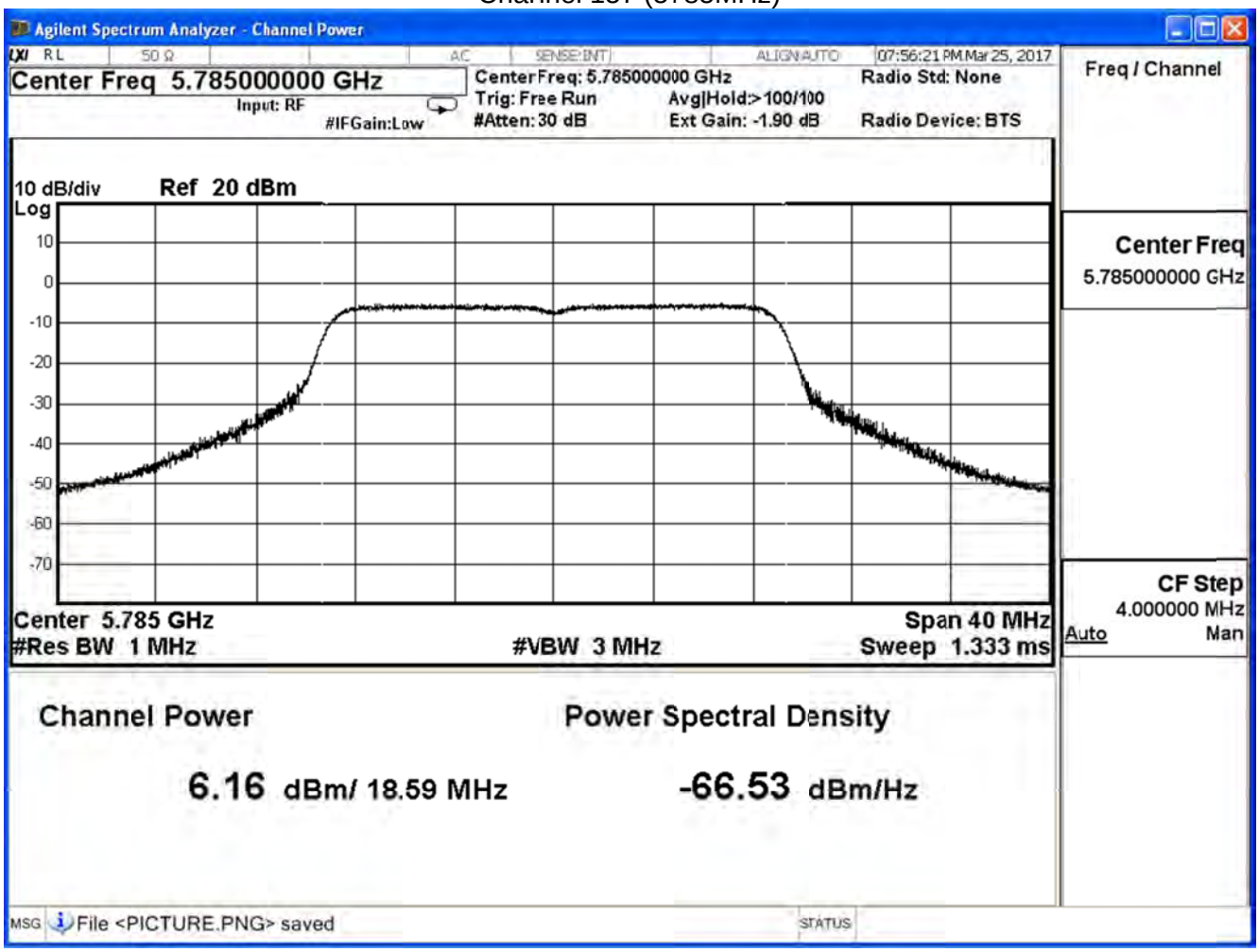
Directional gain=10log(ANT N)+Gain=7.78+2=9.78

Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

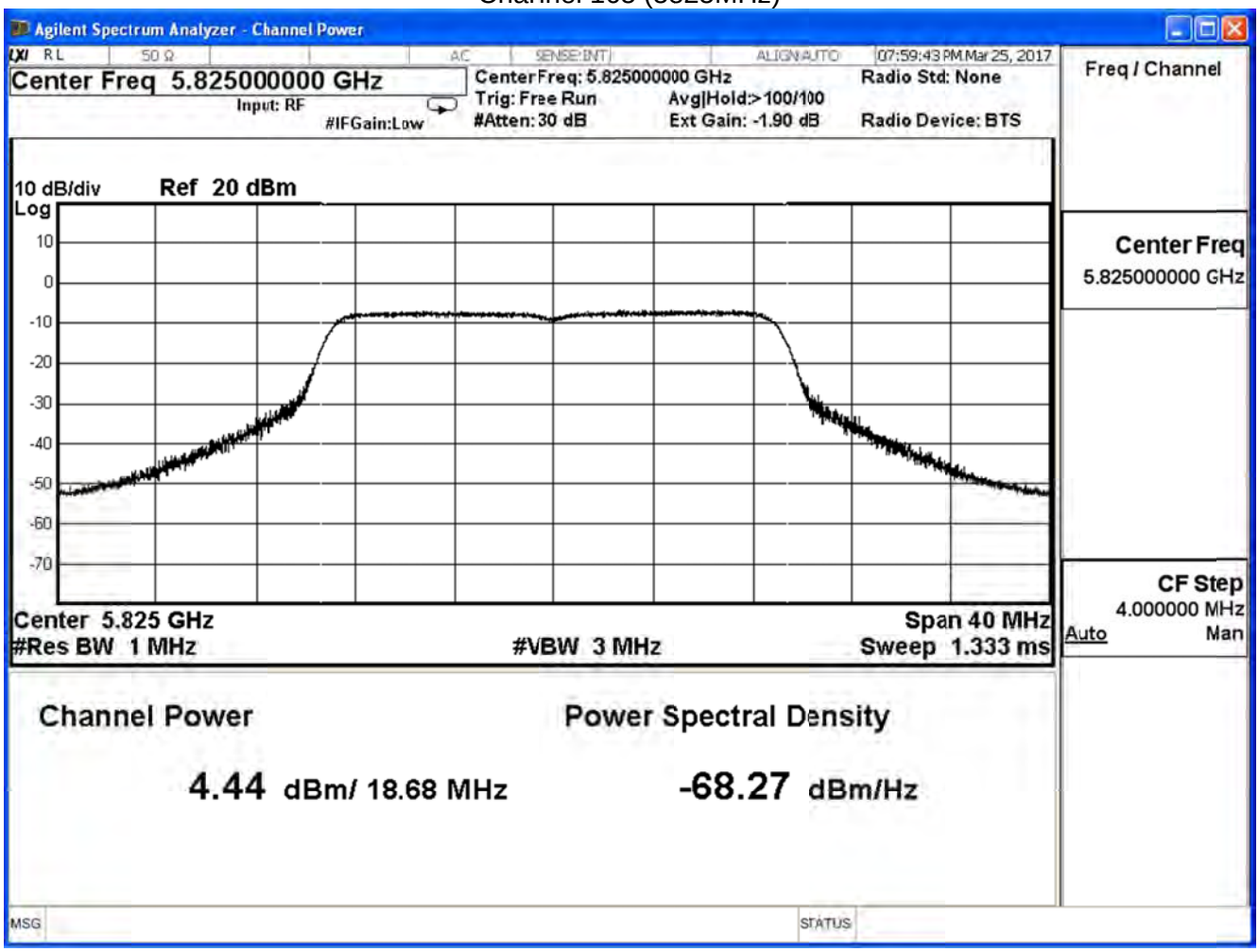
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Transmit power		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

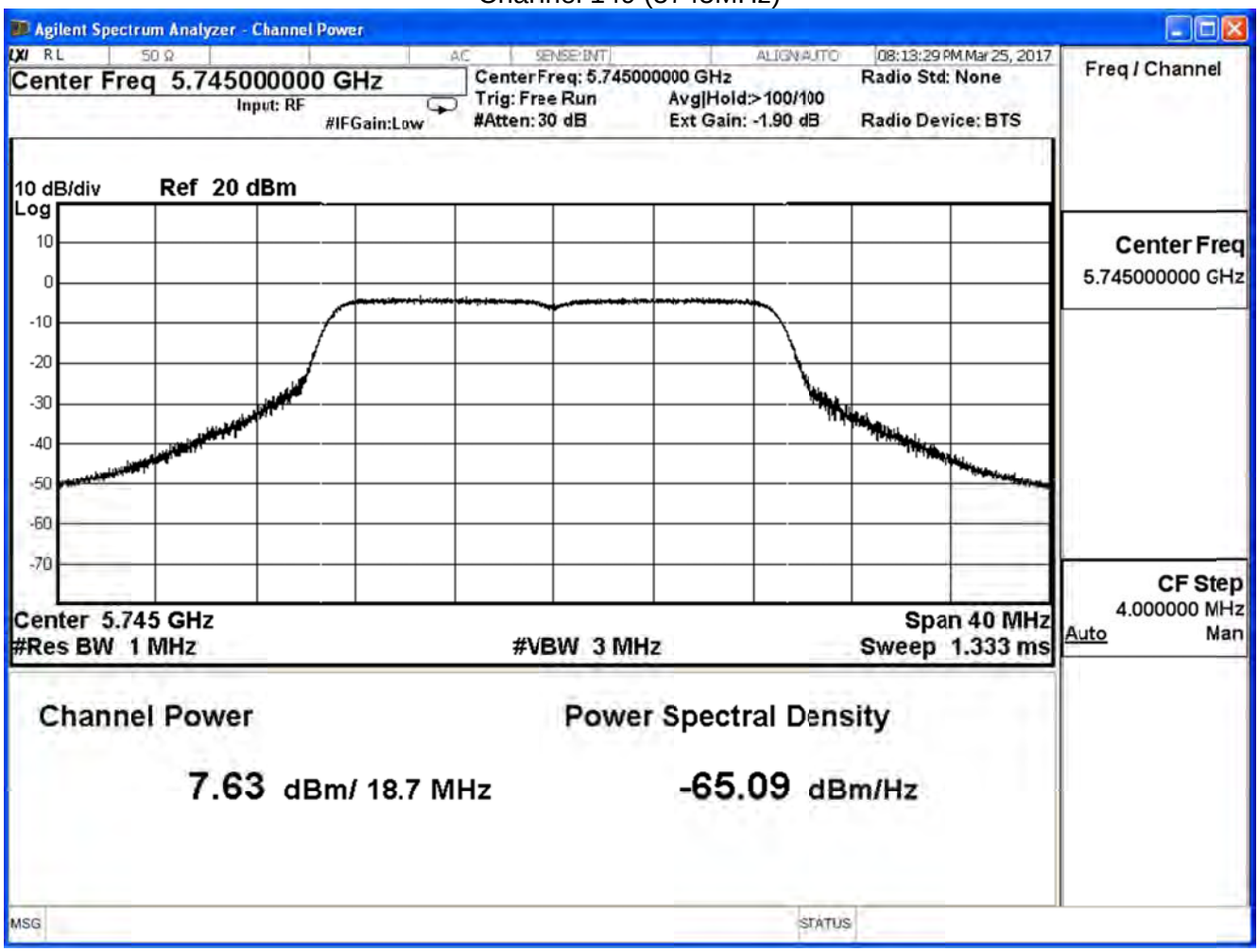
IEEE 802.11n (20M) (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	7.63	≦26.22
157	5785	6.15	≦26.22
165	5825	4.29	≦26.22

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Require Limit
Channel No	Frequency (MHz)									
149	5745	7.630	--	--	--	--	--	--	--	≦26.22
157	5785	6.150	6.089	6.027	5.966	5.904	5.843	5.781	5.720	≦26.22
165	5825	4.290	--	--	--	--	--	--	--	≦26.22

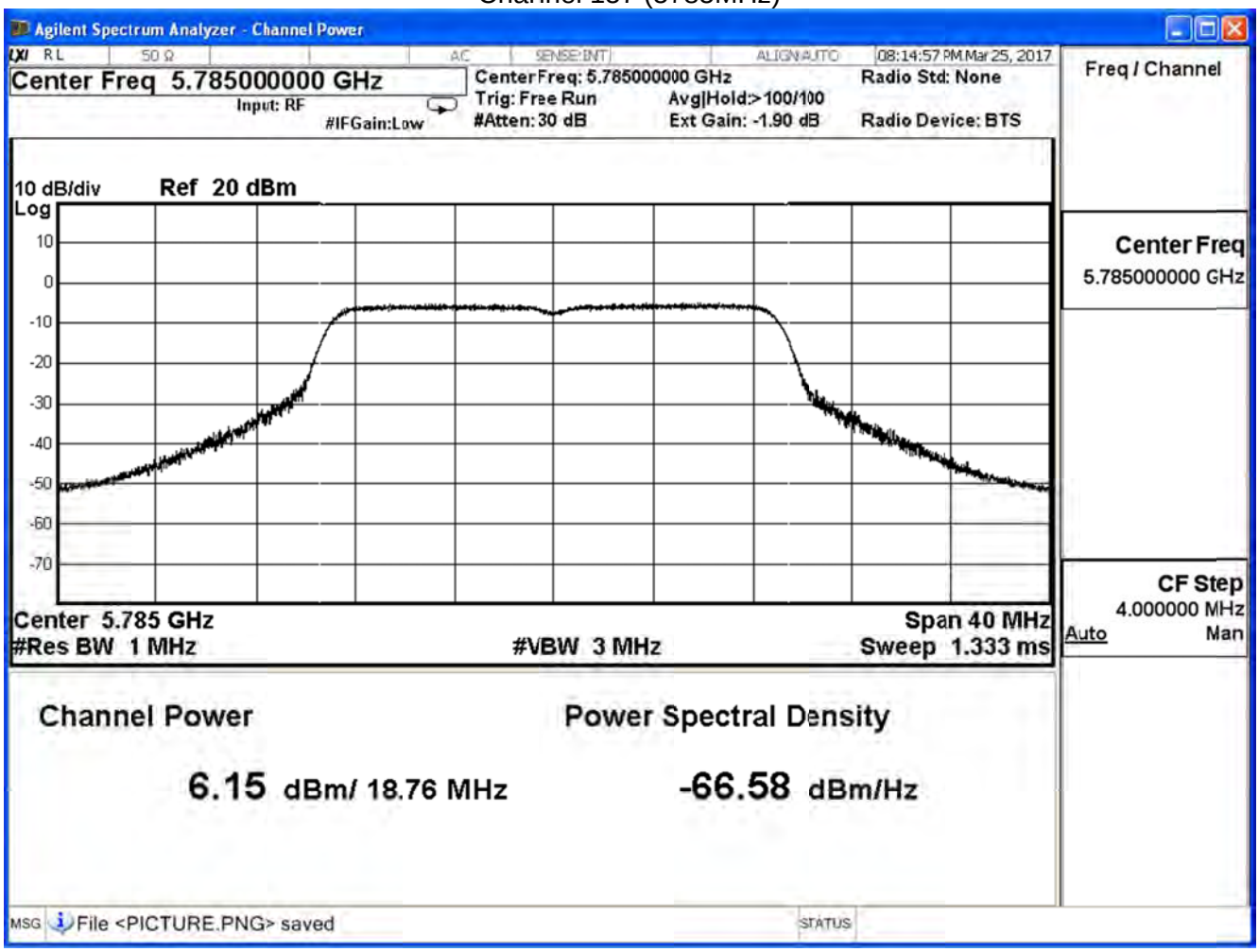
Directional gain=10log(ANT N)+Gain=7.78+2=9.78

Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

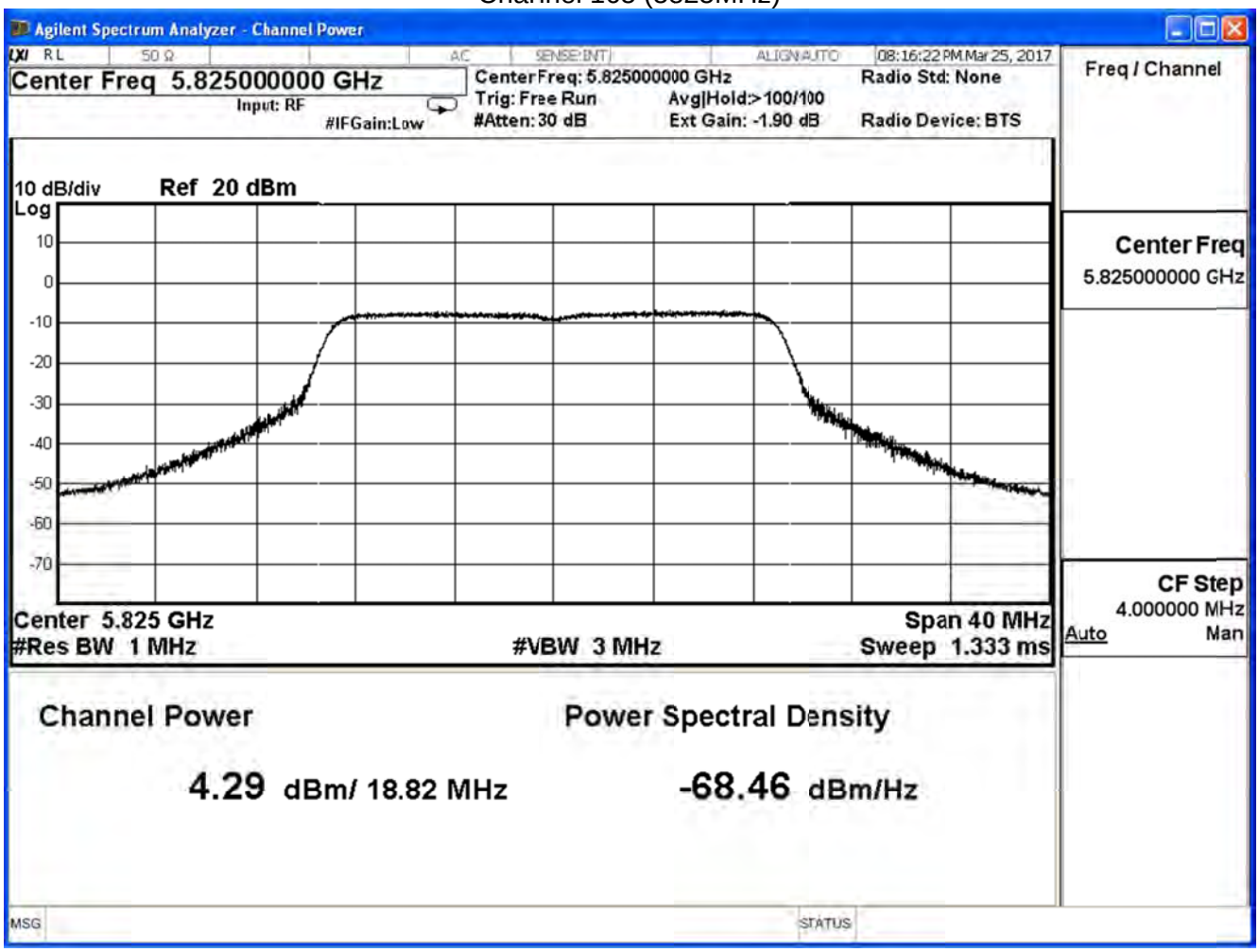
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Transmit power		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

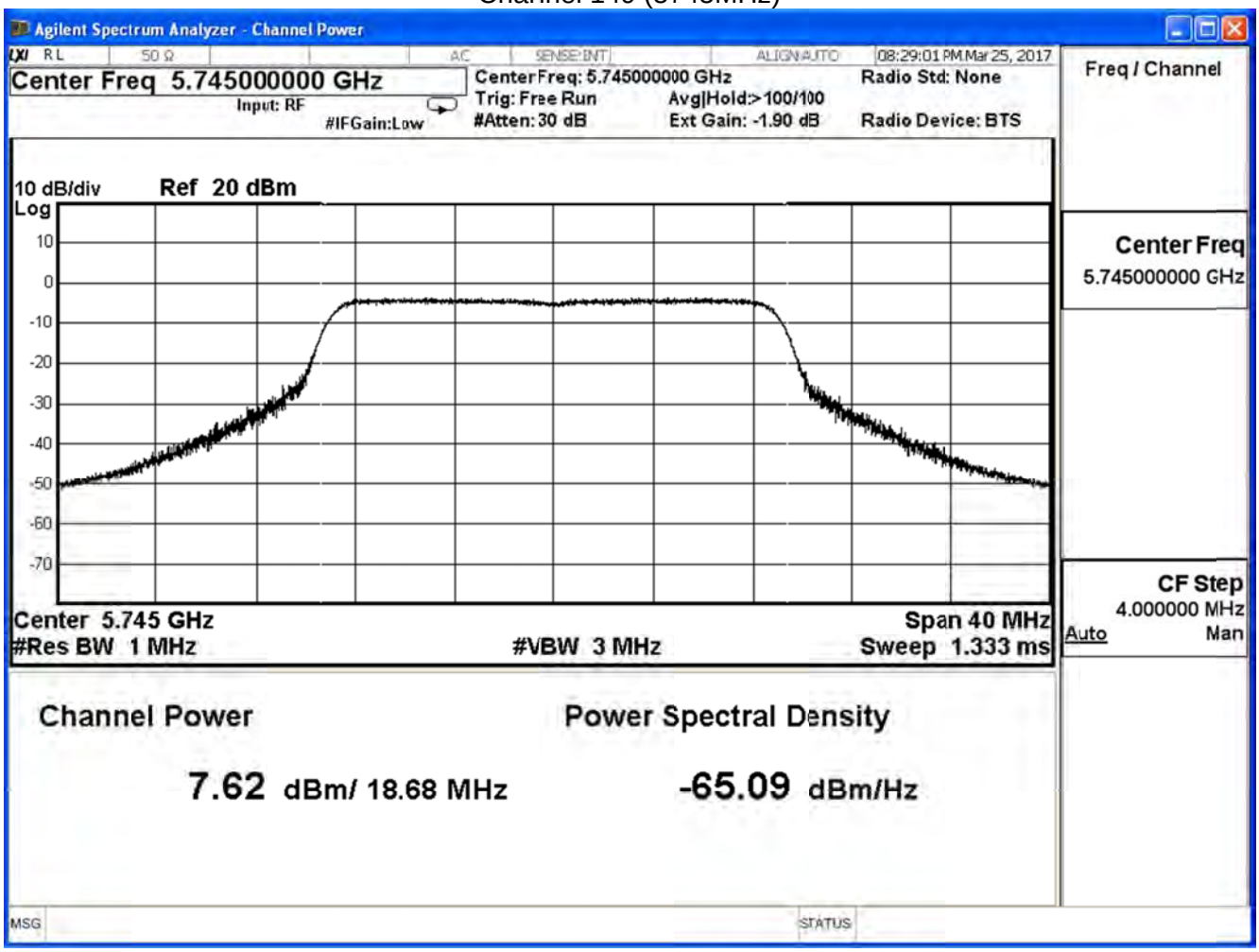
IEEE 802.11n (20M) (ANT 4)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	7.62	≦26.22
157	5785	5.82	≦26.22
165	5825	5.55	≦26.22

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Require Limit
Channel No	Frequency (MHz)									
149	5745	7.620	--	--	--	--	--	--	--	≦26.22
157	5785	5.820	5.761	5.703	5.644	5.586	5.527	5.469	5.410	≦26.22
165	5825	5.550	--	--	--	--	--	--	--	≦26.22

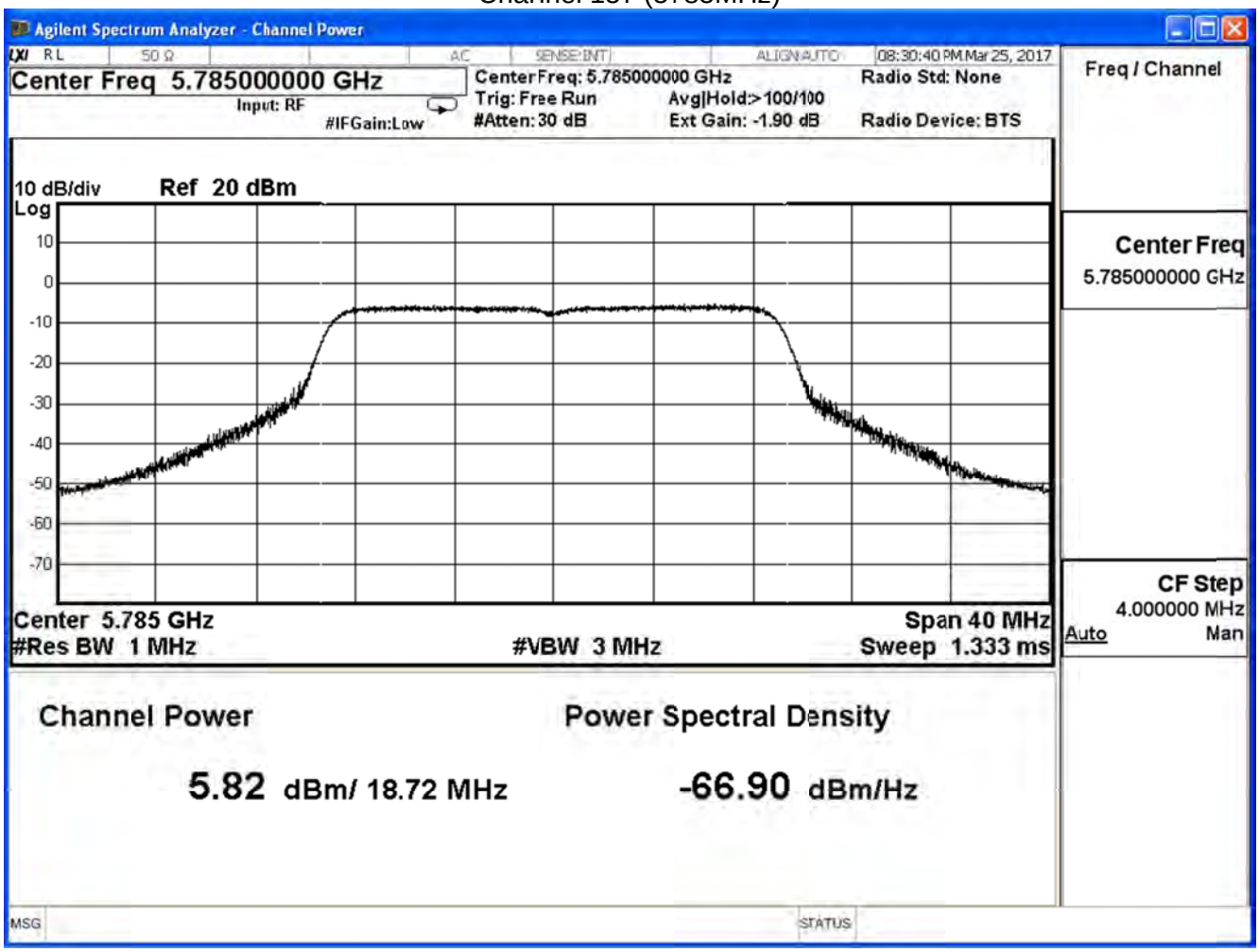
Directional gain=10log(ANT N)+Gain=7.78+2=9.78

Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

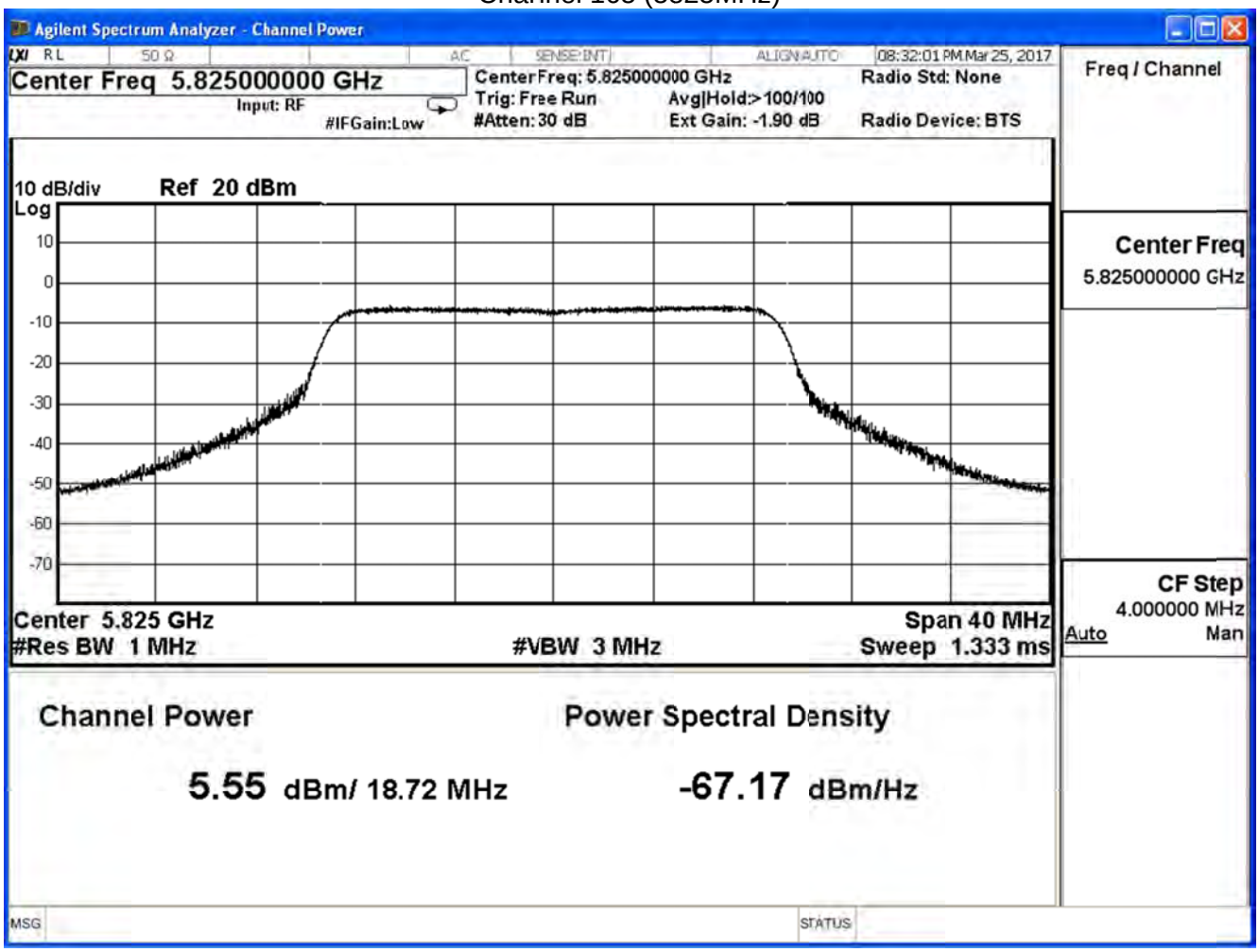
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Transmit power		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

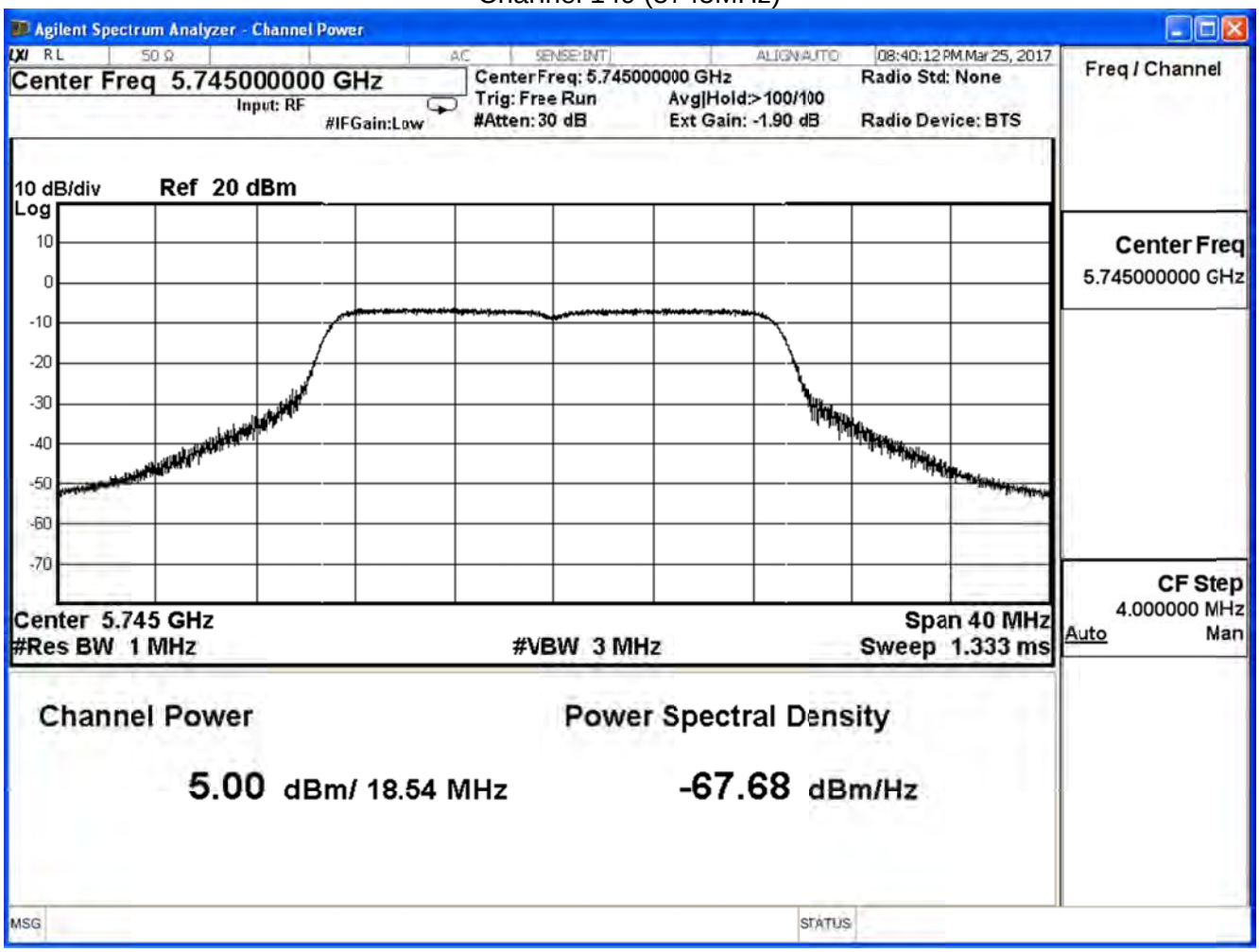
IEEE 802.11n (20M) (ANT 5)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	5.000	≦26.22
157	5785	3.400	≦26.22
165	5825	1.300	≦26.22

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Require Limit
Channel No	Frequency (MHz)									
149	5745	5.000	--	--	--	--	--	--	--	≦26.22
157	5785	3.400	3.374	3.349	3.323	3.297	3.271	3.246	3.220	≦26.22
165	5825	1.300	--	--	--	--	--	--	--	≦26.22

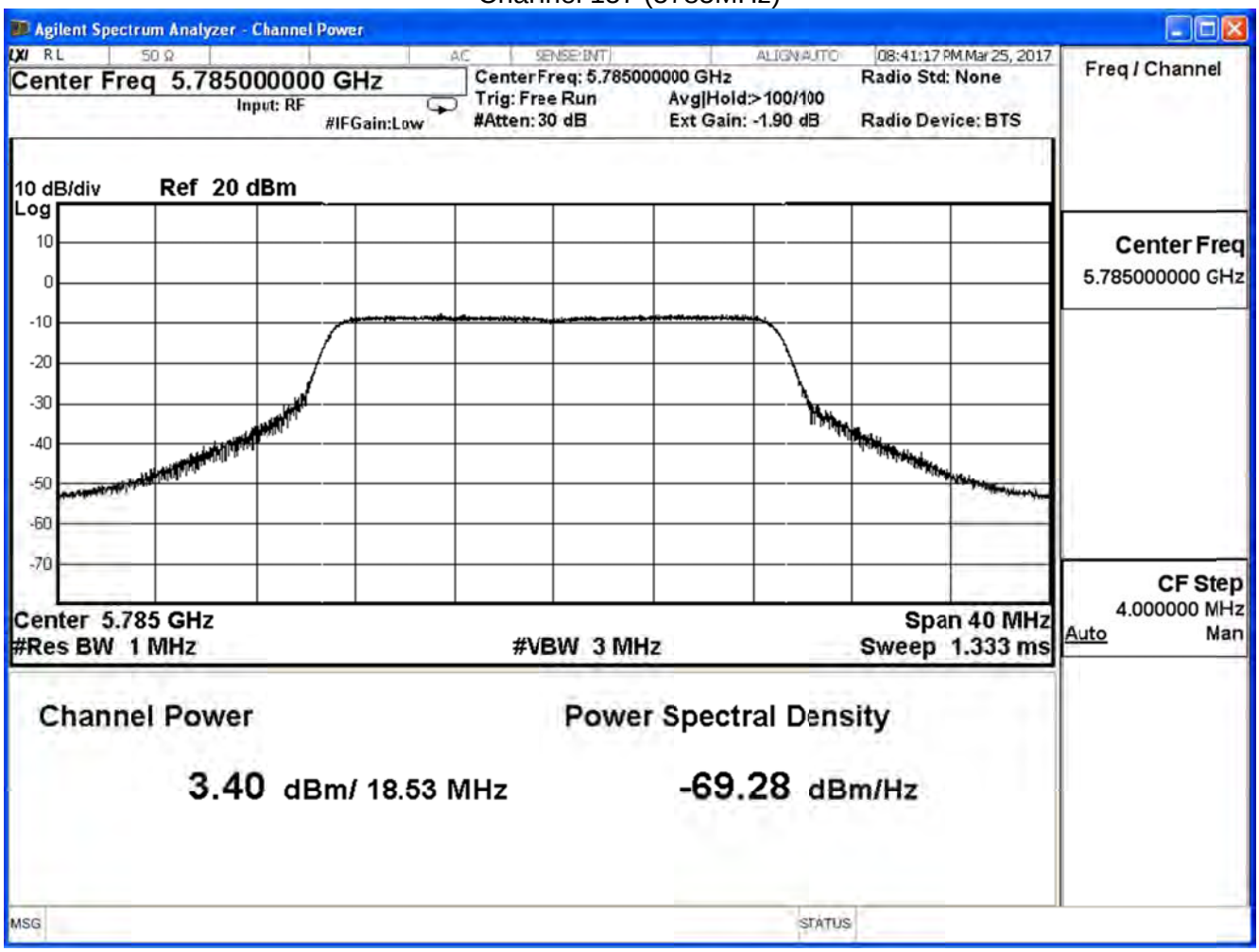
Directional gain=10log(ANT N)+Gain=7.78+2=9.78

Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

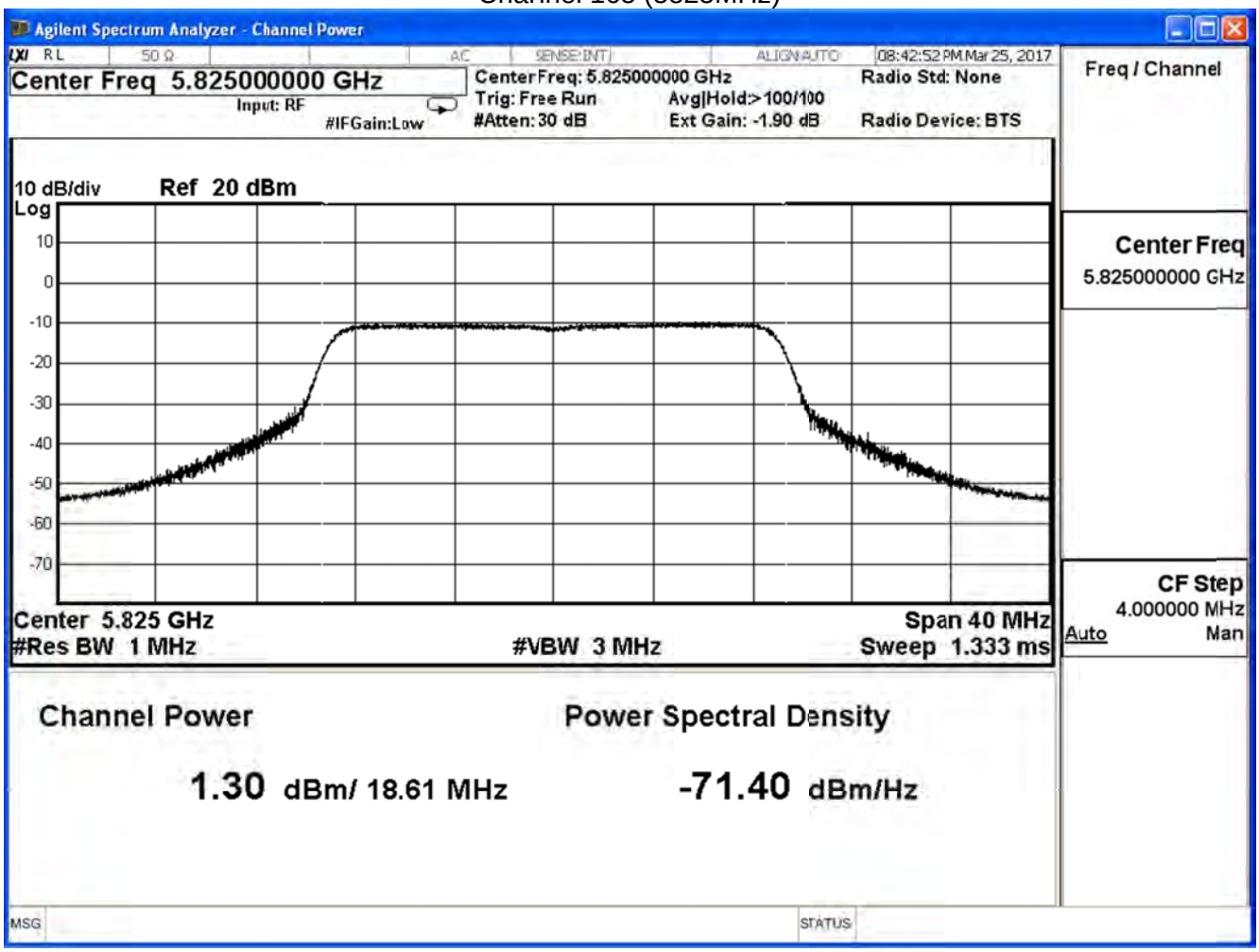
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Transmit power		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11n (20M) (ANT0+1+2+3+4+5)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
149	5745	15.359	≦26.22
157	5785	13.396	≦26.22
165	5825	11.800	≦26.22

Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Transmit power		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

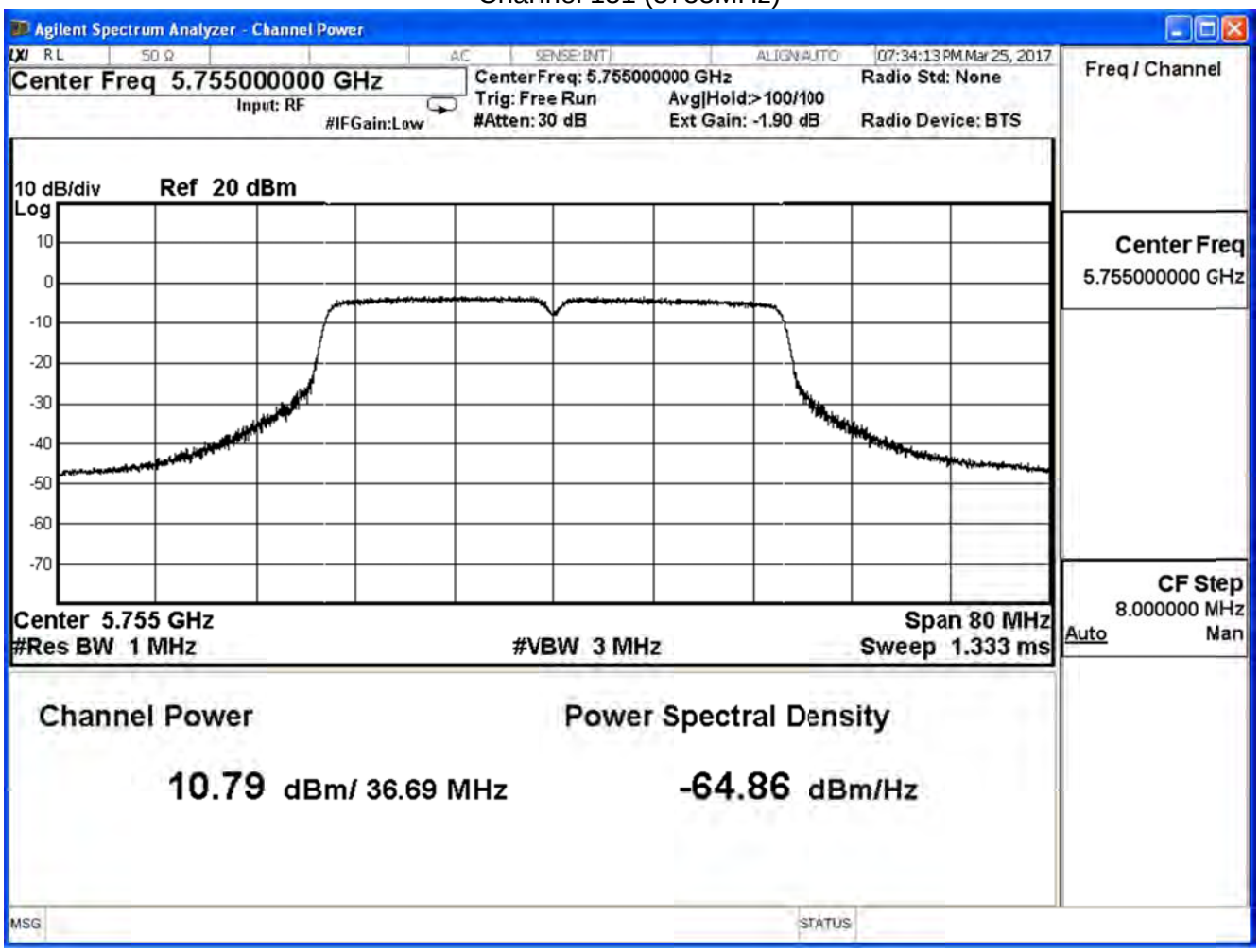
IEEE 802.11n 40M (ANT 0)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
151	5755	10.790	≦26.22
159	5795	6.540	≦26.22

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Require Limit
Channel No	Frequency (MHz)									
151	5755	10.790	--	--	--	--	--	--	--	≦26.22
159	5795	6.540	6.521	6.503	6.484	6.466	6.447	6.429	6.410	≦26.22

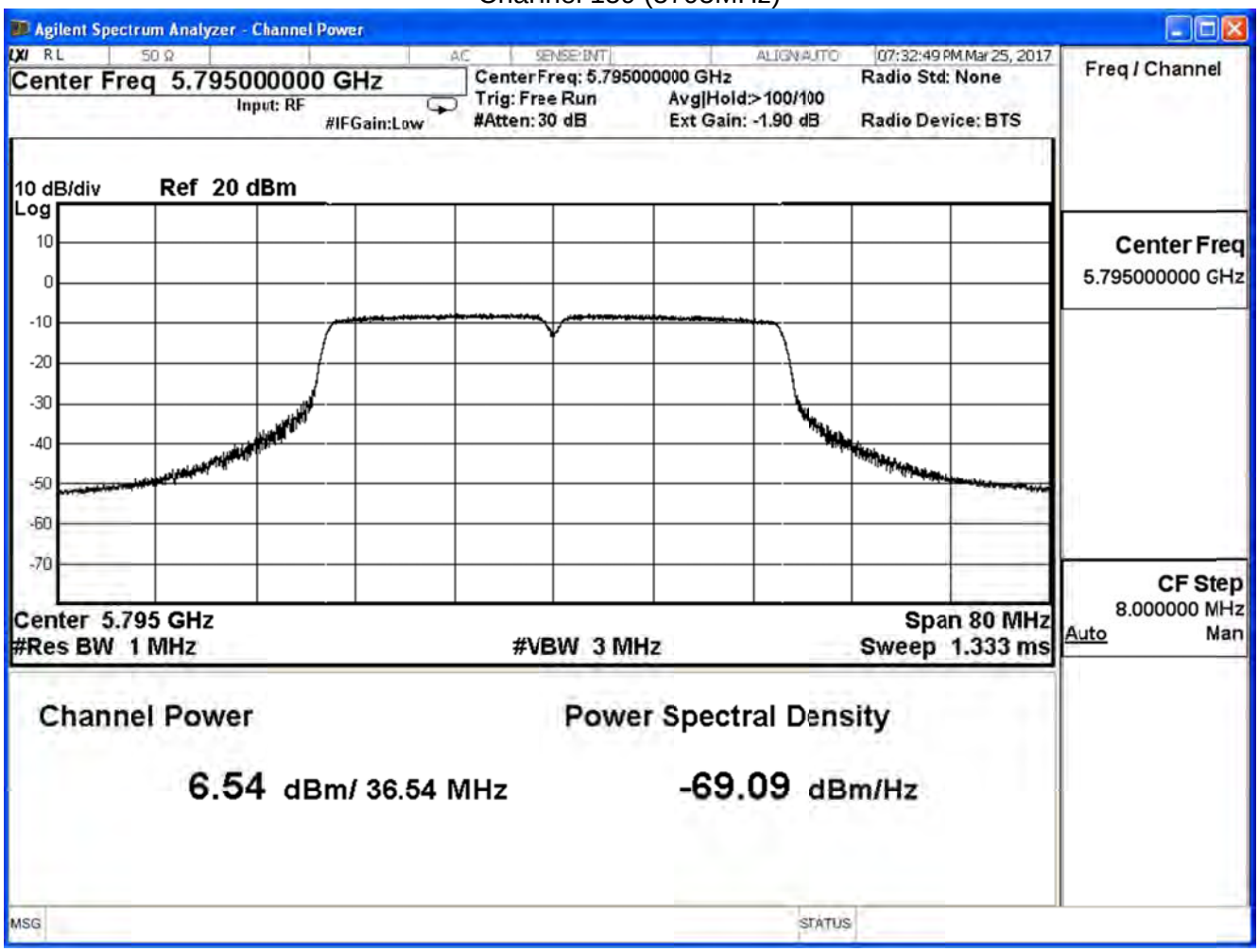
Directional gain=10log(ANT N)+Gain=7.78+2=9.78

Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

Channel 151 (5755MHz)



Channel 159 (5795MHz)



Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Transmit power		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

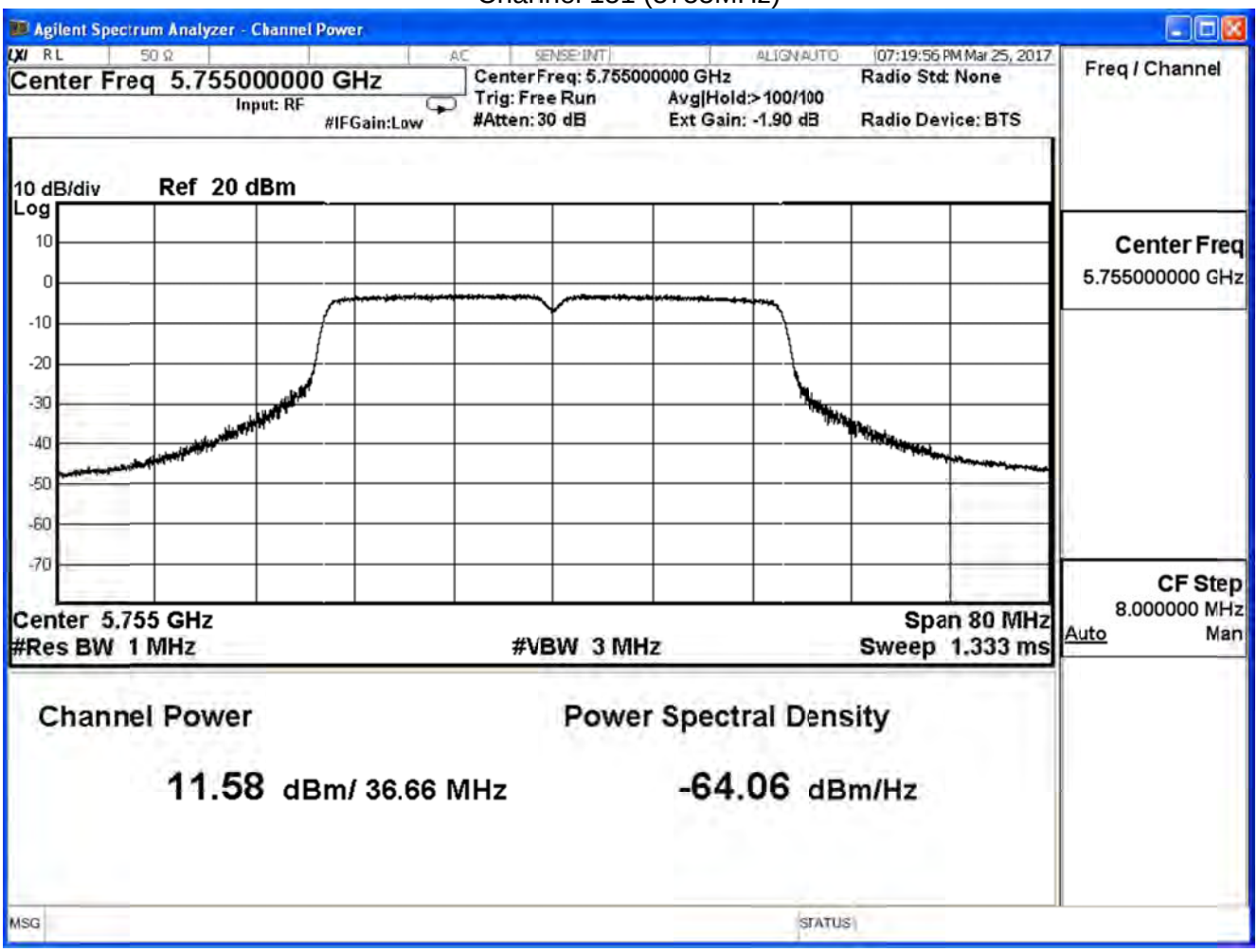
IEEE 802.11n 40M (ANT 1)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
151	5755	11.580	≦26.22
159	5795	7.060	≦26.22

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Require Limit
Channel No	Frequency (MHz)									
151	5755	11.580	--	--	--	--	--	--	--	≦26.22
159	5795	7.060	6.961	6.863	6.764	6.666	6.567	6.469	6.370	≦26.22

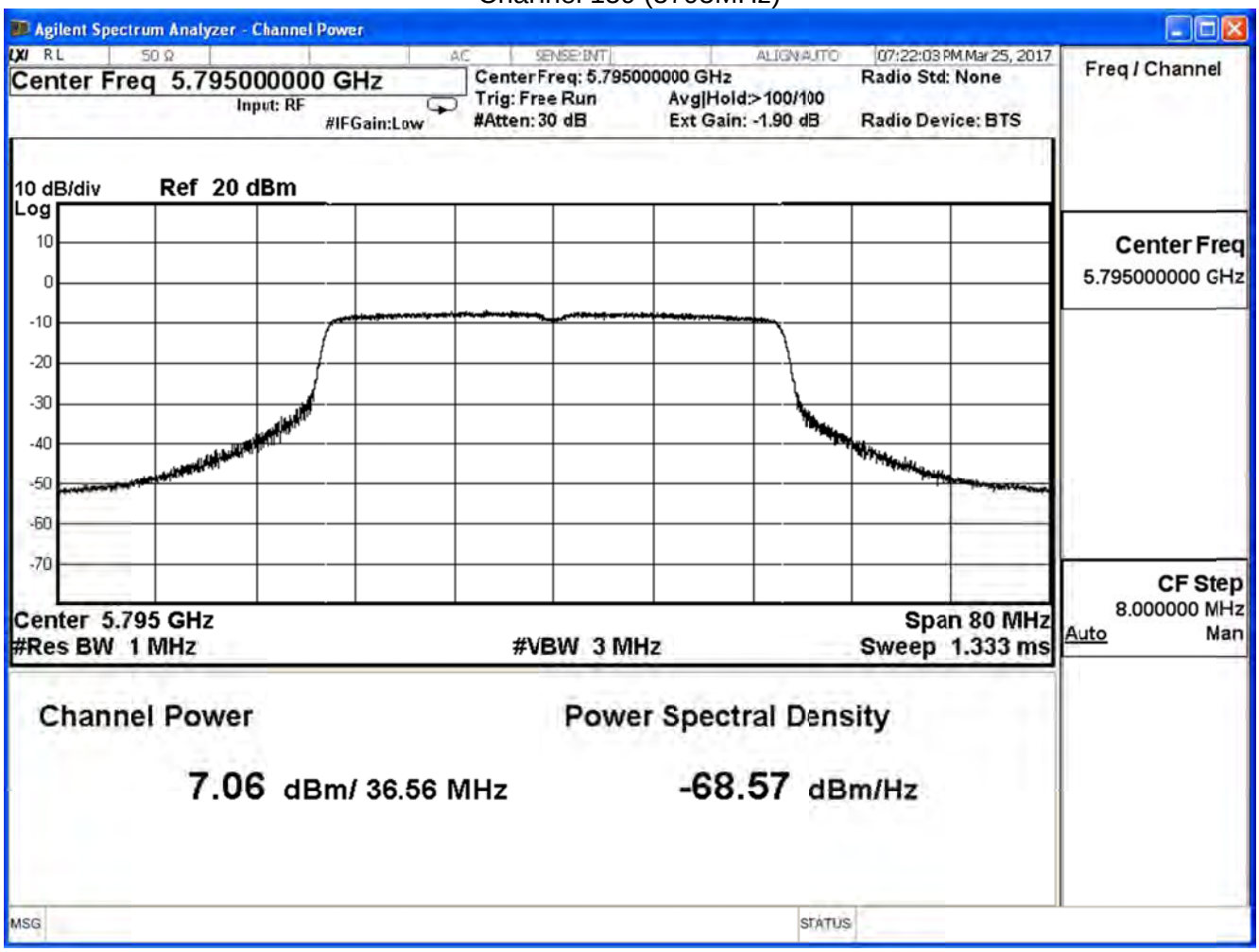
Directional gain=10log(ANT N)+Gain=7.78+2=9.78

Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

Channel 151 (5755MHz)



Channel 159 (5795MHz)



Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Transmit power		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

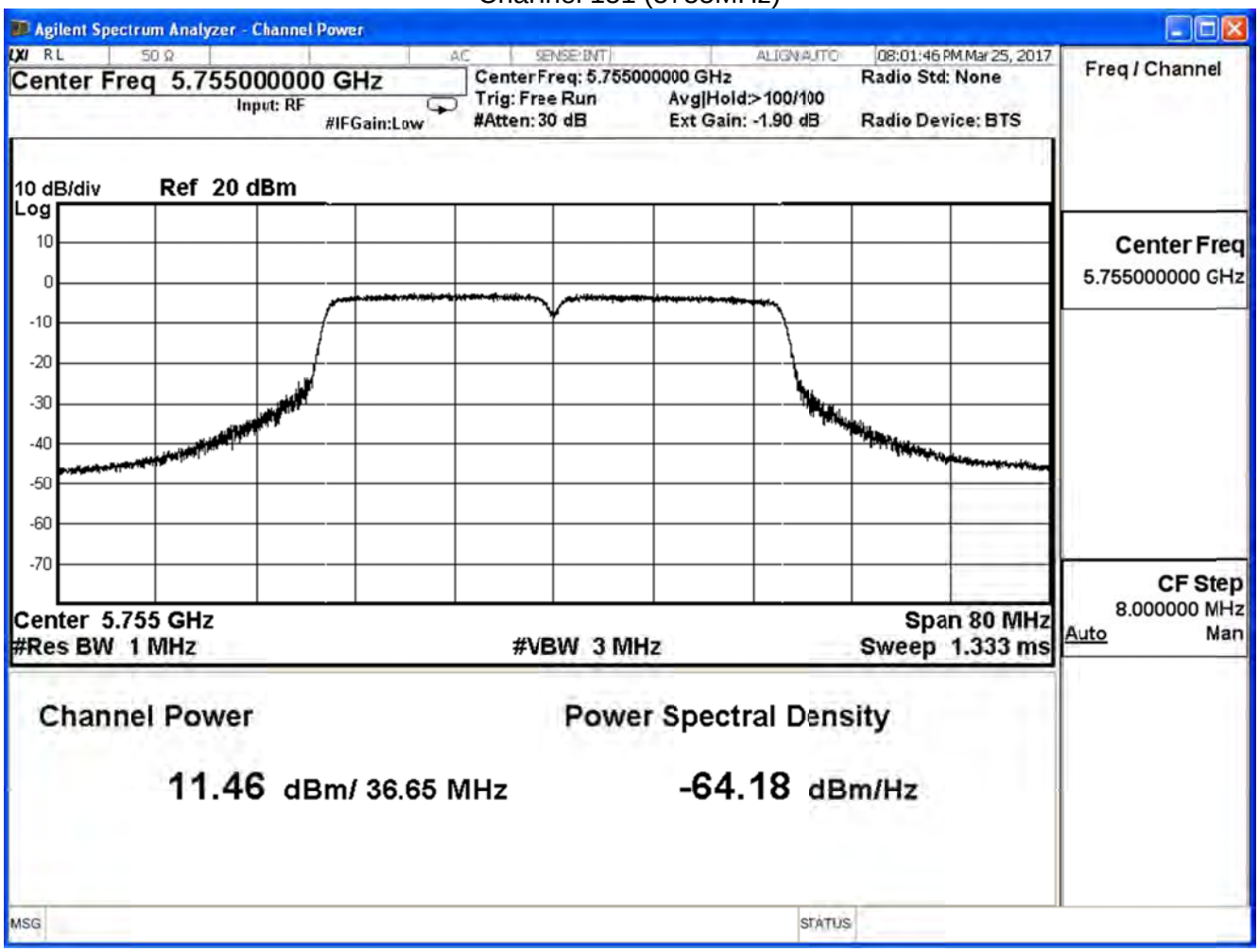
IEEE 802.11n 40M (ANT 2)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
151	5755	11.46	≦26.22
159	5795	6.44	≦26.22

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Require Limit
Channel No	Frequency (MHz)									
151	5755	11.460	--	--	--	--	--	--	--	≦26.22
159	5795	6.440	6.417	6.394	6.371	6.349	6.326	6.303	6.280	≦26.22

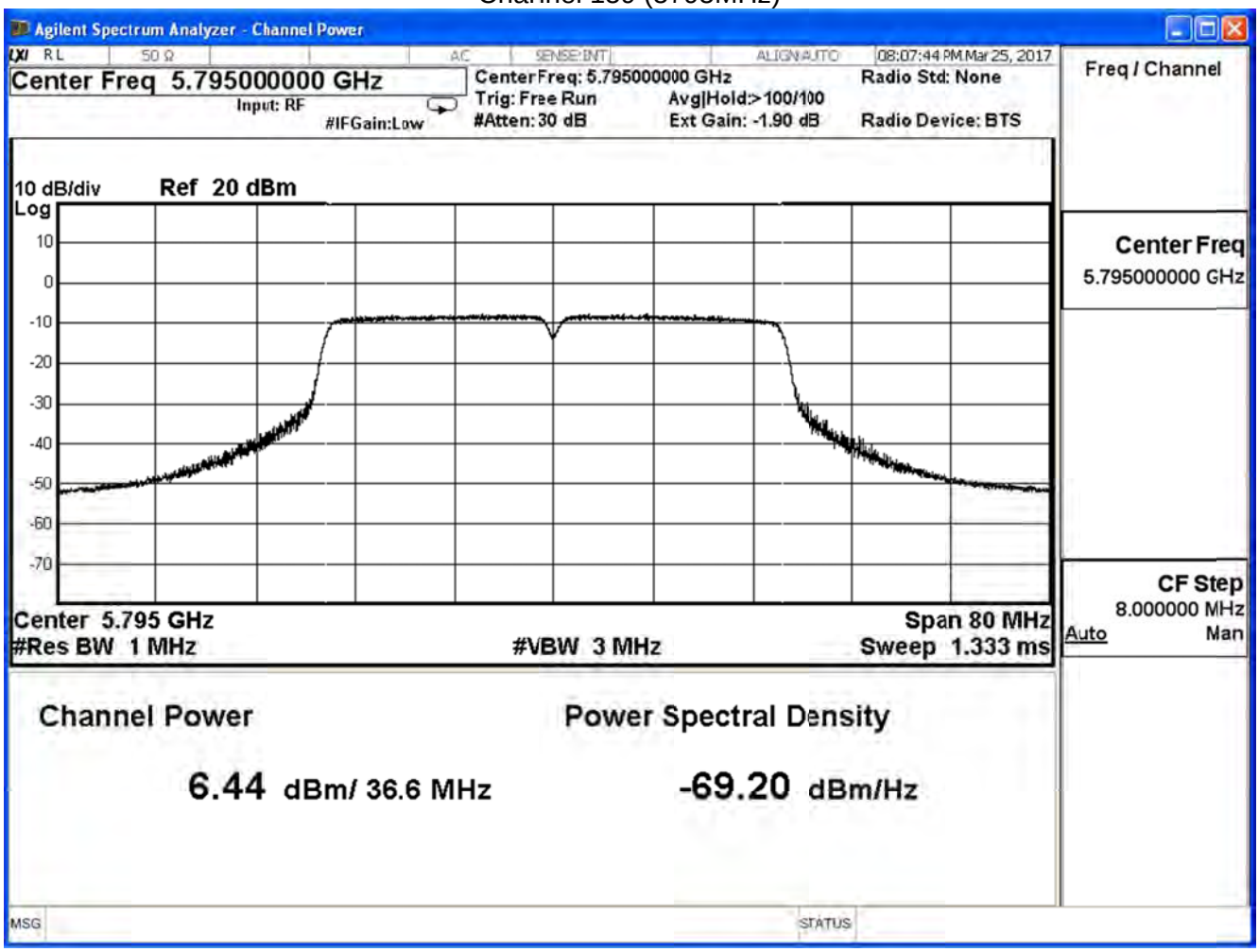
Directional gain=10log(ANT N)+Gain=7.78+2=9.78

Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

Channel 151 (5755MHz)



Channel 159 (5795MHz)



Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Transmit power		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

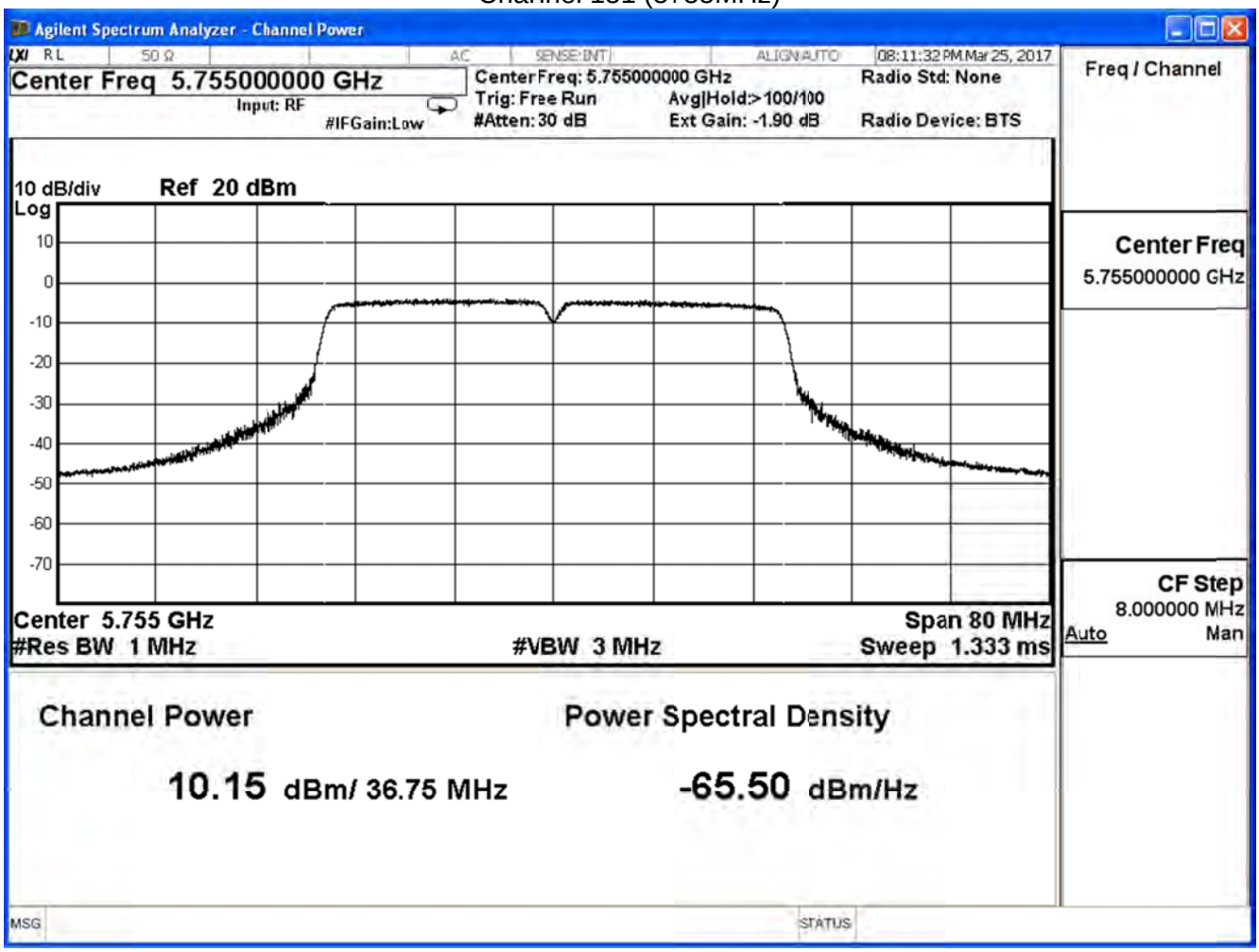
IEEE 802.11n 40M (ANT 3)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
151	5755	10.150	≦26.22
159	5795	6.840	≦26.22

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Require Limit
Channel No	Frequency (MHz)									
151	5755	10.150	--	--	--	--	--	--	--	≦26.22
159	5795	6.840	6.823	6.806	6.789	6.771	6.754	6.737	6.72	≦26.22

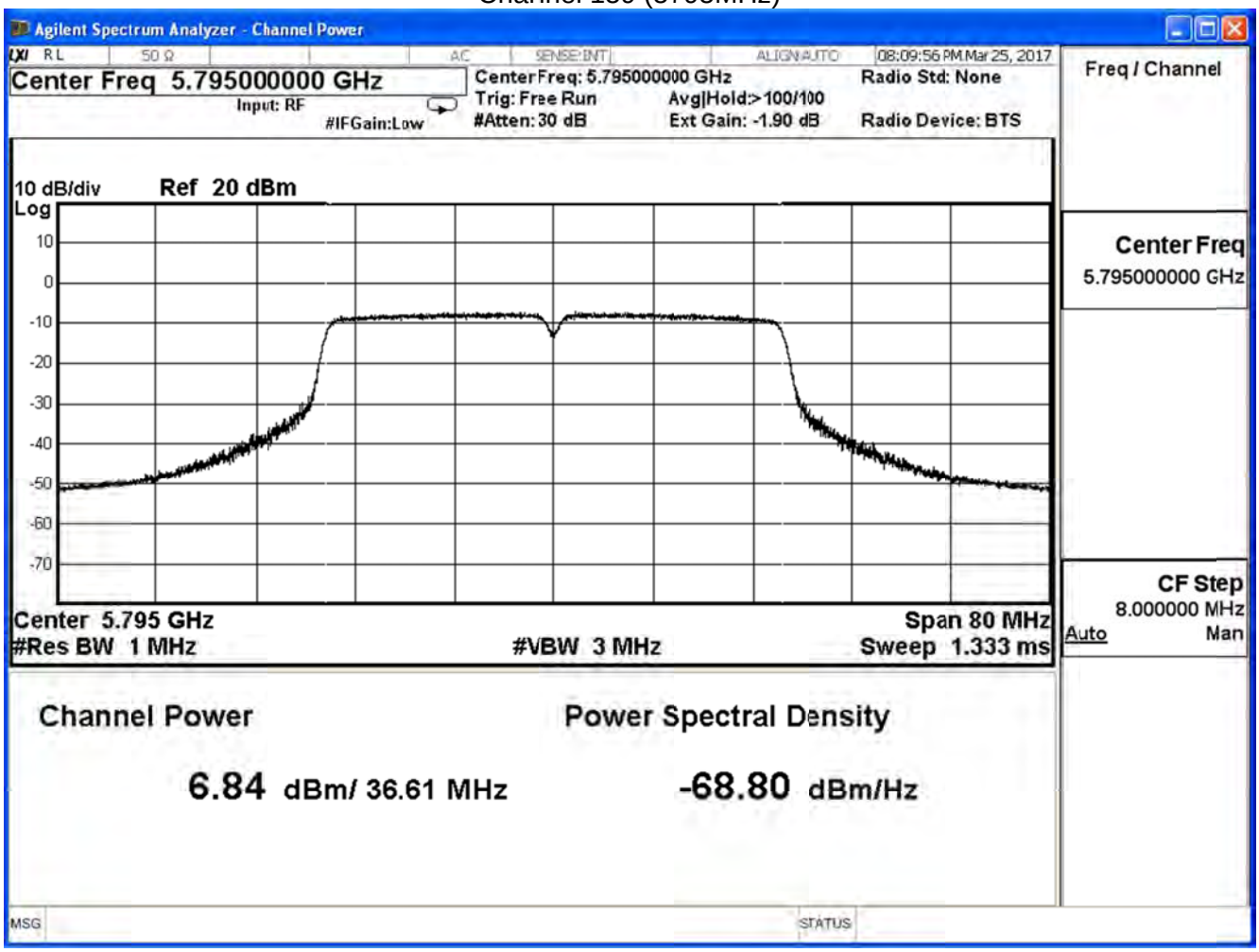
Directional gain=10log(ANT N)+Gain=7.78+2=9.78

Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

Channel 151 (5755MHz)



Channel 159 (5795MHz)



Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Transmit power		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

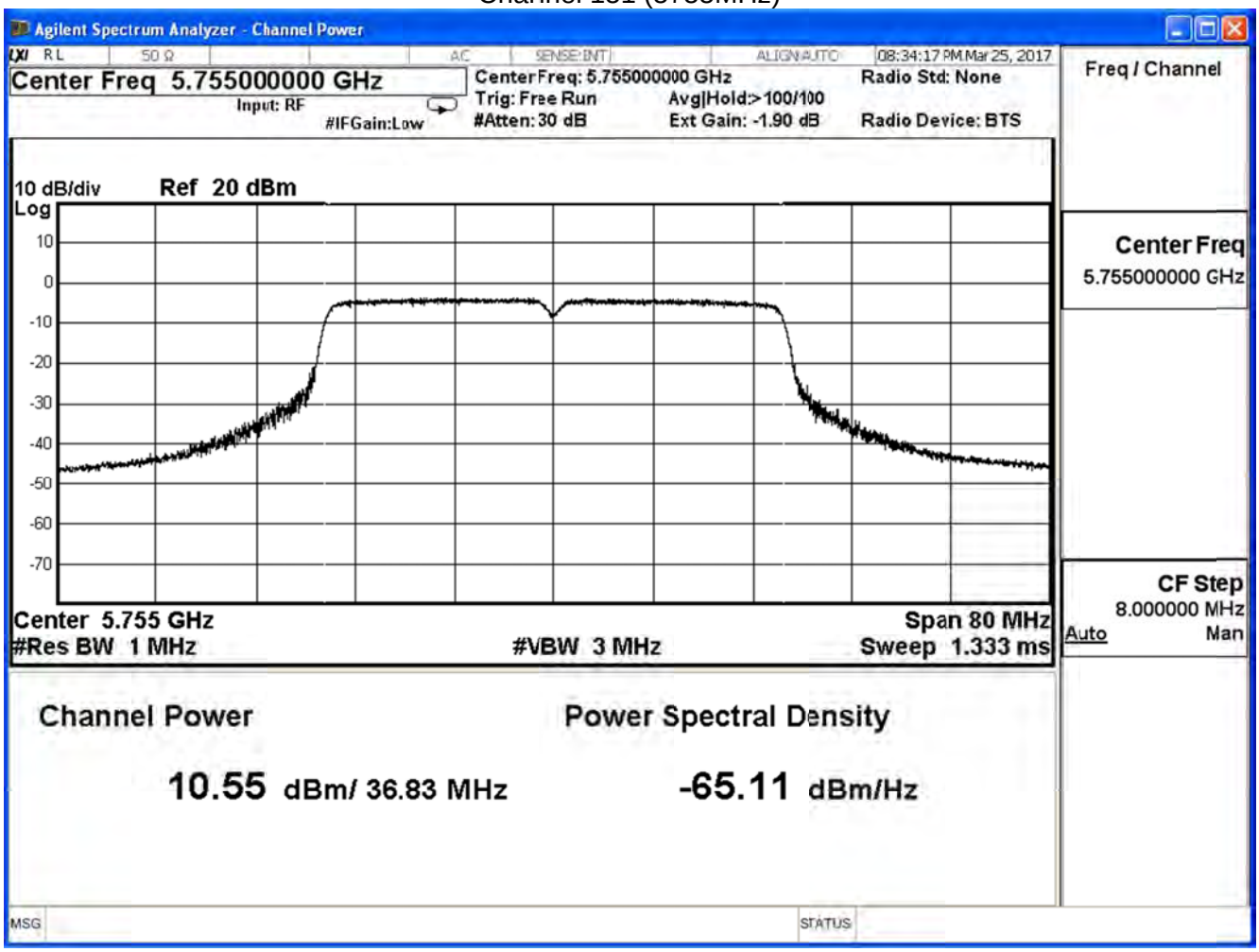
IEEE 802.11n 40M (ANT 4)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
151	5755	10.550	≦26.22
159	5795	7.260	≦26.22

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Require Limit
Channel No	Frequency (MHz)									
151	5755	10.550	--	--	--	--	--	--	--	≦26.22
159	5795	7.260	7.237	7.214	7.191	7.169	7.146	7.123	7.100	≦26.22

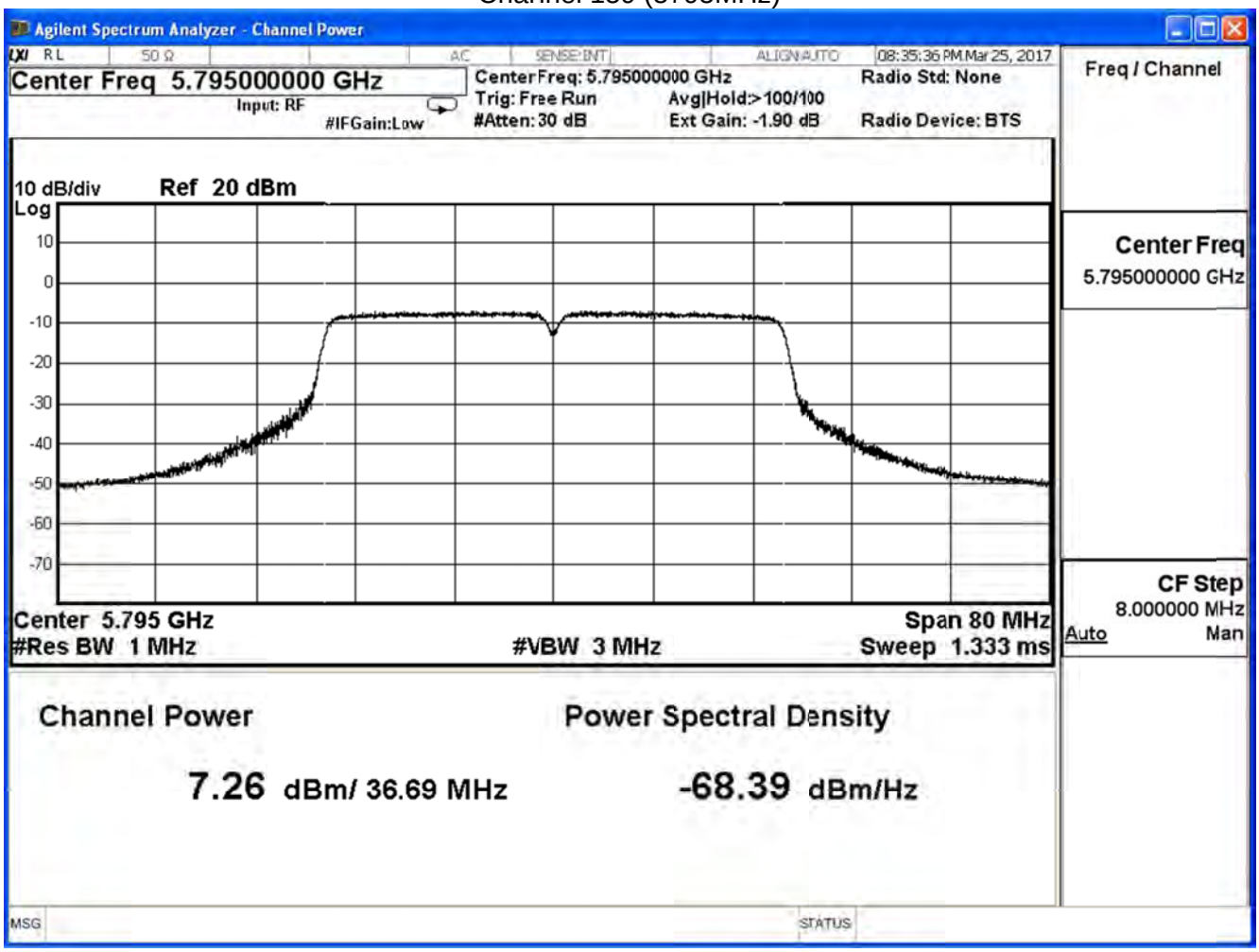
Directional gain=10log(ANT N)+Gain=7.78+2=9.78

Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

Channel 151 (5755MHz)



Channel 159 (5795MHz)



Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Transmit power		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

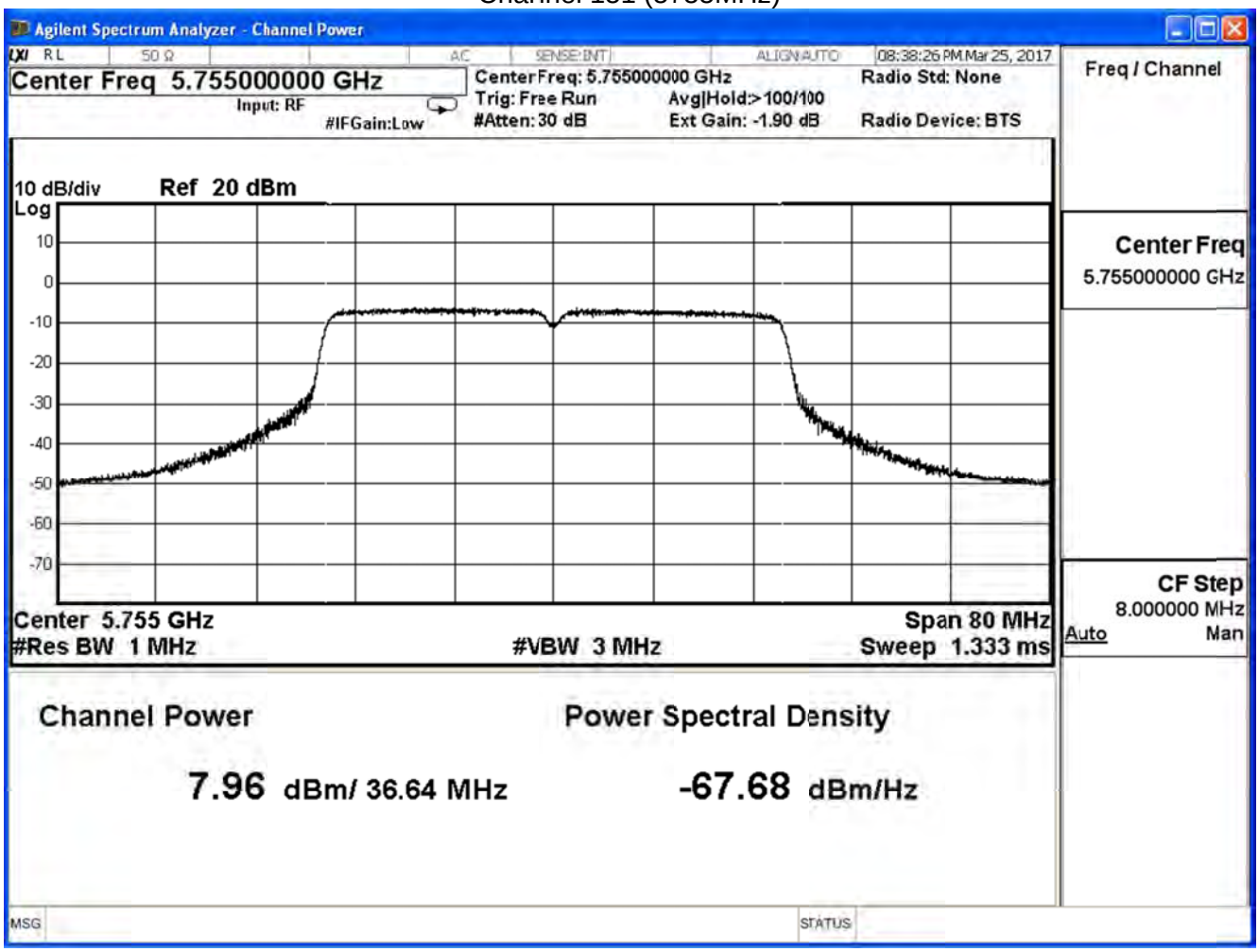
IEEE 802.11n 40M (ANT 5)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
151	5755	7.960	≦26.22
159	5795	5.120	≦26.22

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Require Limit
Channel No	Frequency (MHz)									
151	5755	7.960	--	--	--	--	--	--	--	≦26.22
159	5795	5.120	5.089	5.057	5.026	4.994	4.963	4.931	4.900	≦26.22

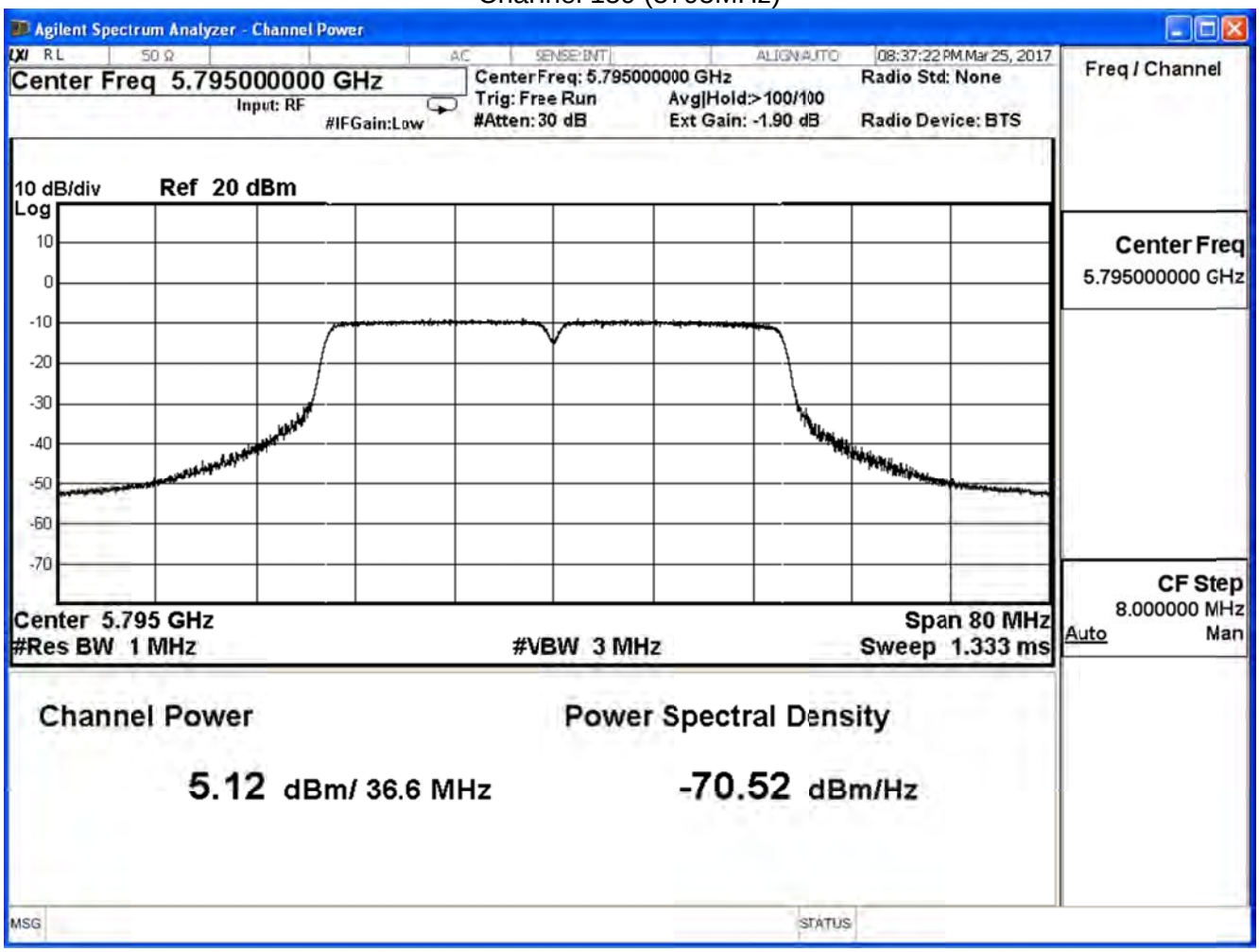
Directional gain=10log(ANT N)+Gain=7.78+2=9.78

Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

Channel 151 (5755MHz)



Channel 159 (5795MHz)



Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Transmit power		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11n40 (ANT 0+1+2+3+4+5)			
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)
151	5755	18.346	≦26.22
159	5795	14.377	≦26.22

Directional gain=10log(ANT N)+Gain=7.78+2=9.78

Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

5. Peak Power Spectrum Density

5.1. Test Equipment

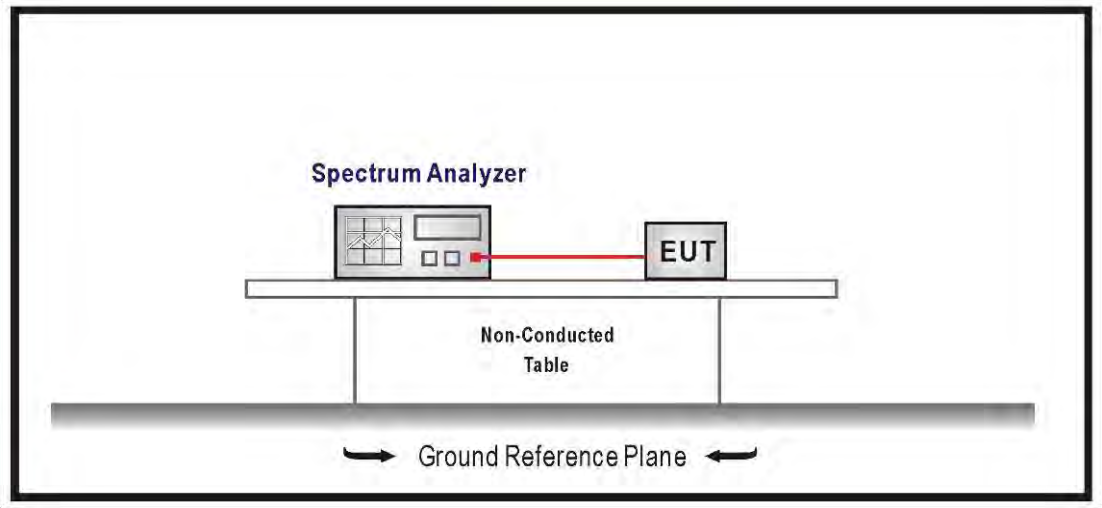
The following test equipments are used during the radiated emission tests:

Peak Power Spectrum Density / SR10-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/05

Note: All equipments that need to calibrate are with calibration period of 1 year.

5.2. Test Setup



5.3. Limits

1. For an outdoor access point operating in the band 5.15-5.25 GHz In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used,
2. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used,
3. For fixed point-to-point access points operating in the band 5.15-5.25 GHz,.In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density.
4. For client devices in the 5.15-5.25 GHz band, In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
5. For the band 5.25-5.35 GHz, the peak transmit power over the frequency band of operation shall not exceed the lesser of 250 mW. If transmitting antenna of directional gain greater than 6 dBi are used, the peak transmit power shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
6. For the band 5.725-5.850 GHz, the peak transmit power over the frequency band of operation shall not exceed the lesser of 1W. If transmitting antenna of directional gain greater than 6 dBi are used, the peak transmit power shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.

5.4. Test Procedure

The EUT was setup to ANSI C63.10:2013; tested to U-NII test procedure of KDB 789033 V01r03 and and 662911 D01 v02r01 for compliance to FCC 47CFR Subpart E requirements.

For Band1 : Set RBW=1MHz, VBW=3MHz with RMS detector. The PPSD is the highest level found across the emission in any 1-MHz band after 100 sweeps of averaging.

For Band4 : Set RBW=500KHz, VBW=1.5MHz with RMS detector. The PPSD is the highest level found across the emission in any 500KHz band after 100 sweeps of averaging.

5.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

5.6. Test Result

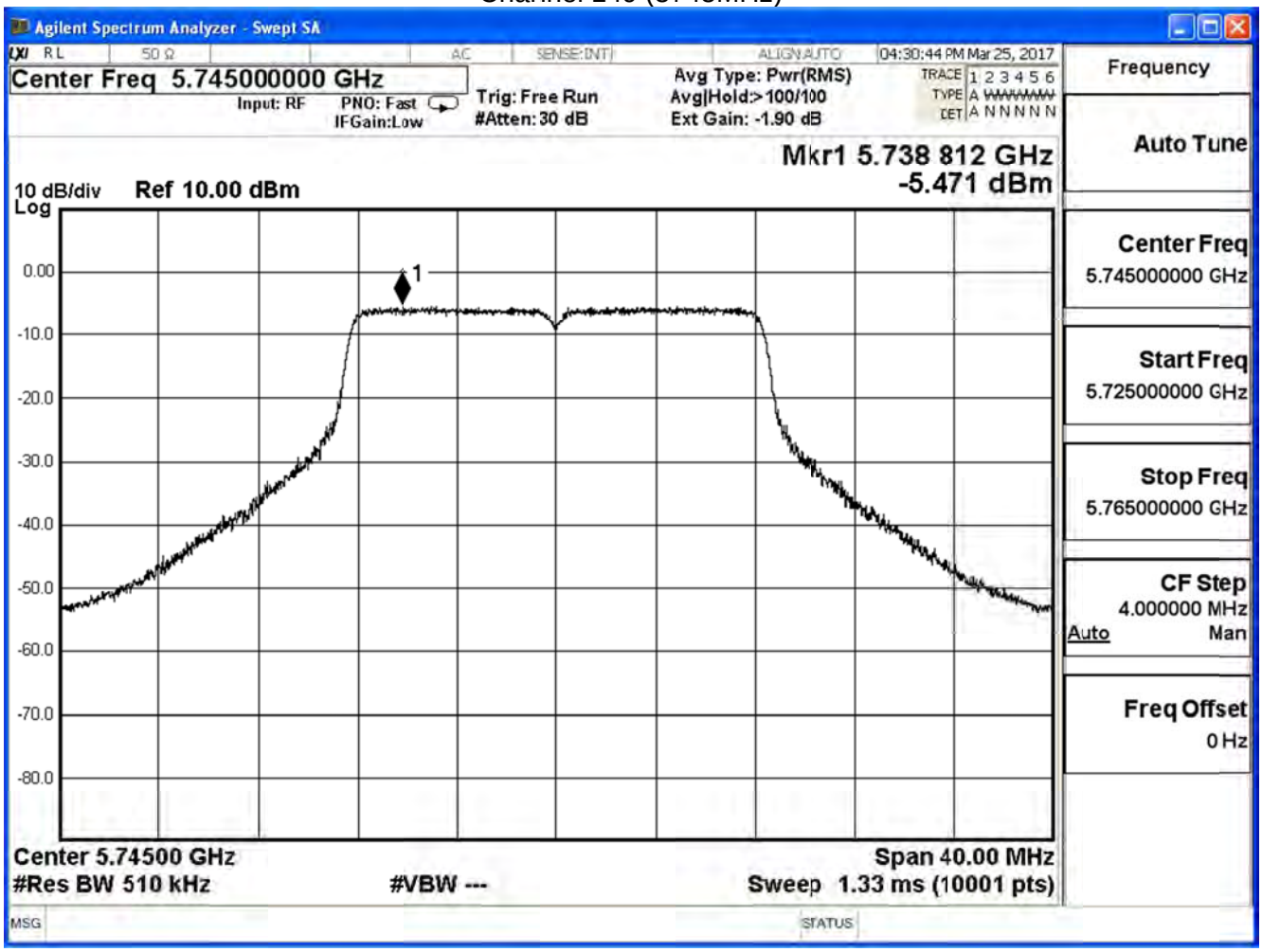
Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11a (ANT 0)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
149	5745	-5.471	≦26.22	Pass
157	5785	-5.786	≦26.22	Pass
165	5825	-6.397	≦26.22	Pass

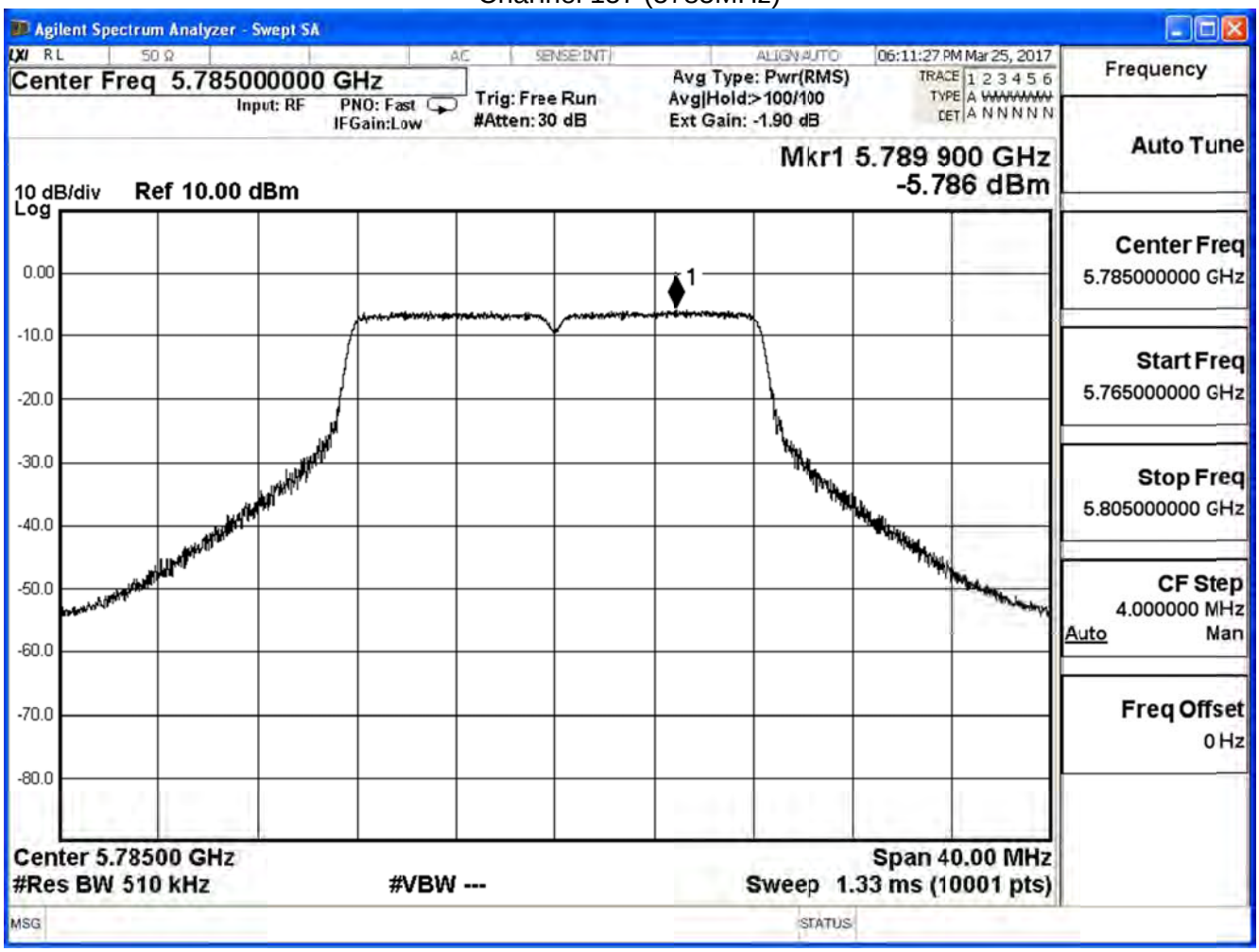
Note:

Directional gain=10log(ANT N)+Gain=7.78+2=9.78
Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

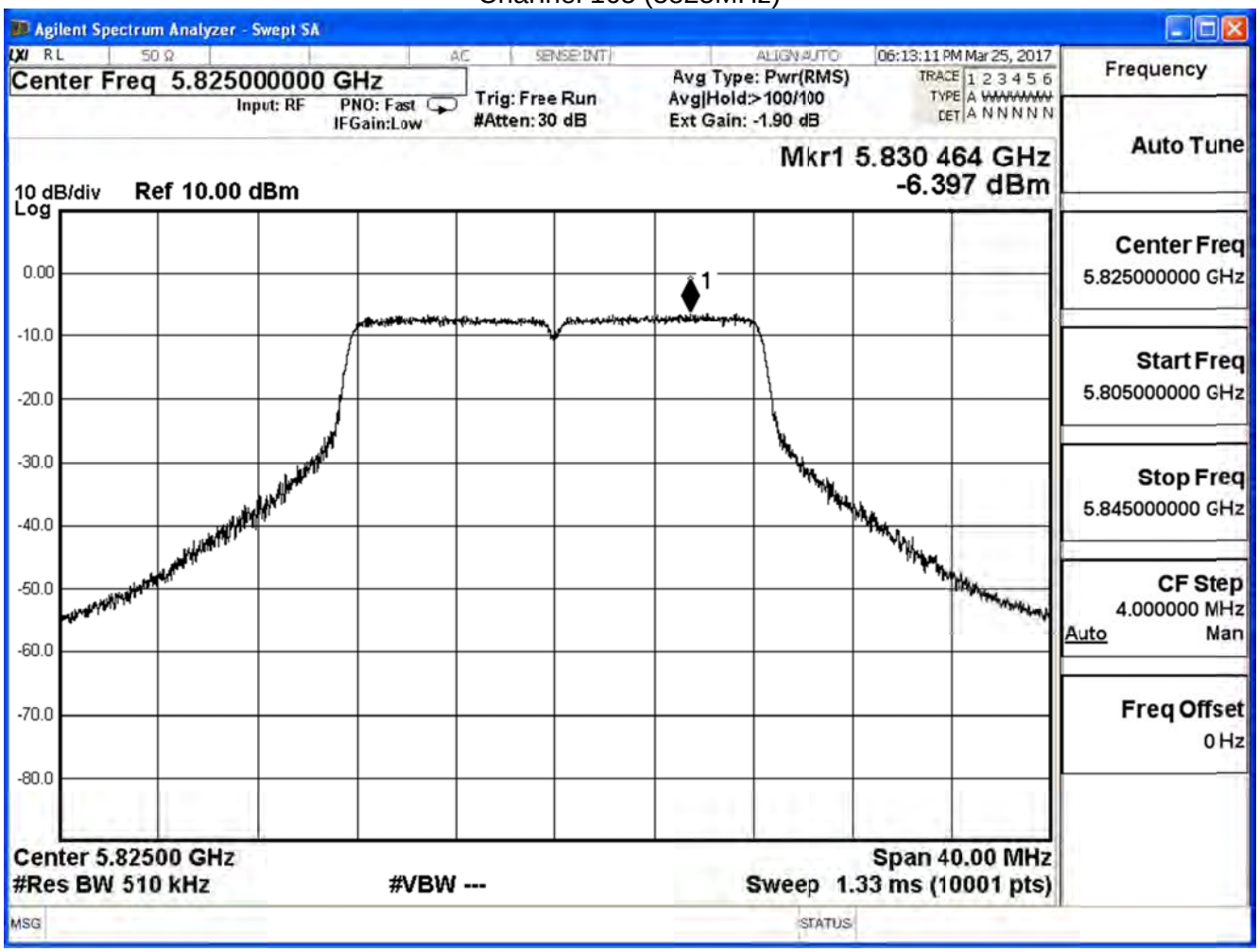
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



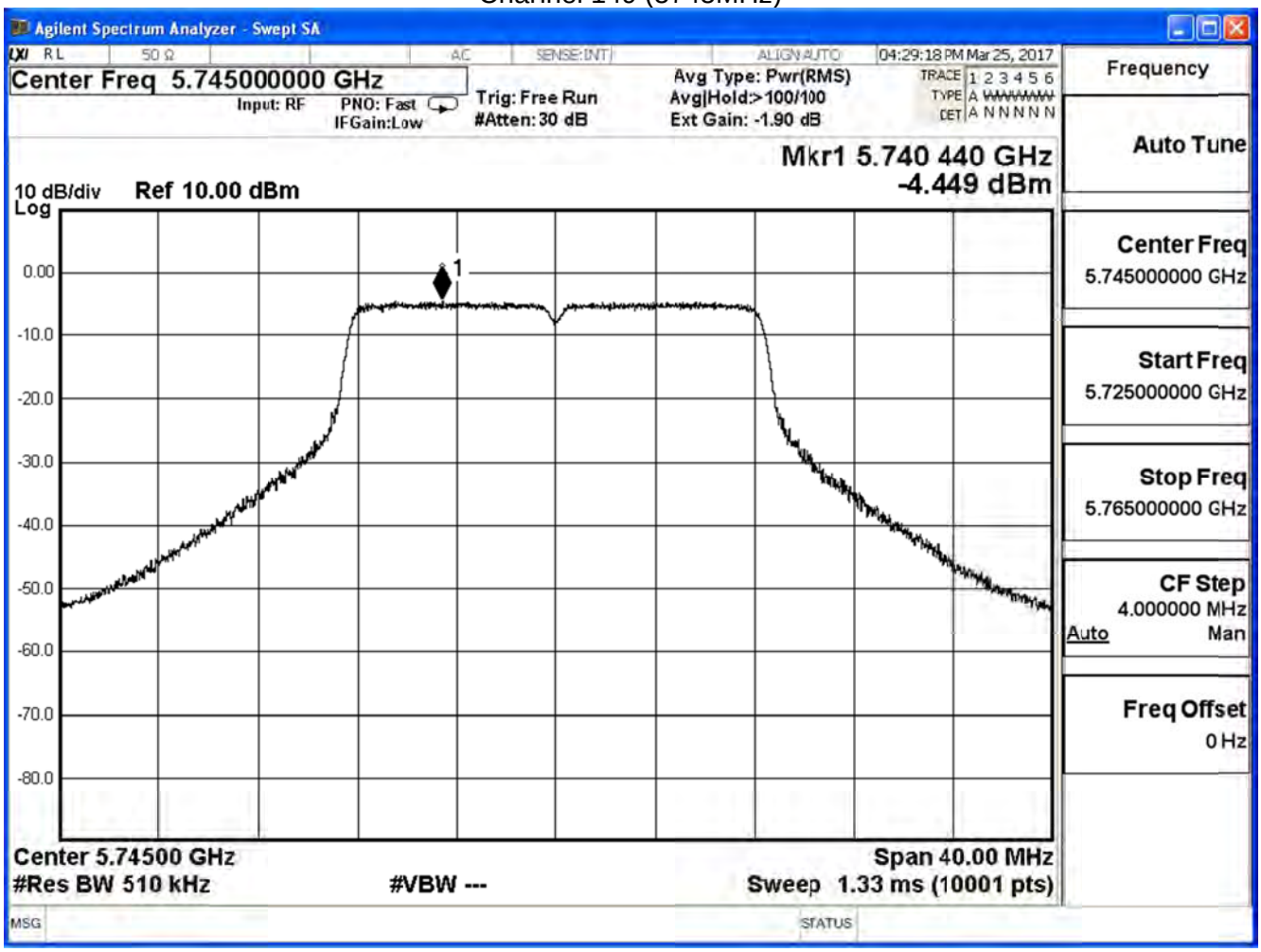
Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11a (ANT 1)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
149	5745	-4.449	≦26.22	Pass
157	5785	-4.739	≦26.22	Pass
165	5825	-5.493	≦26.22	Pass

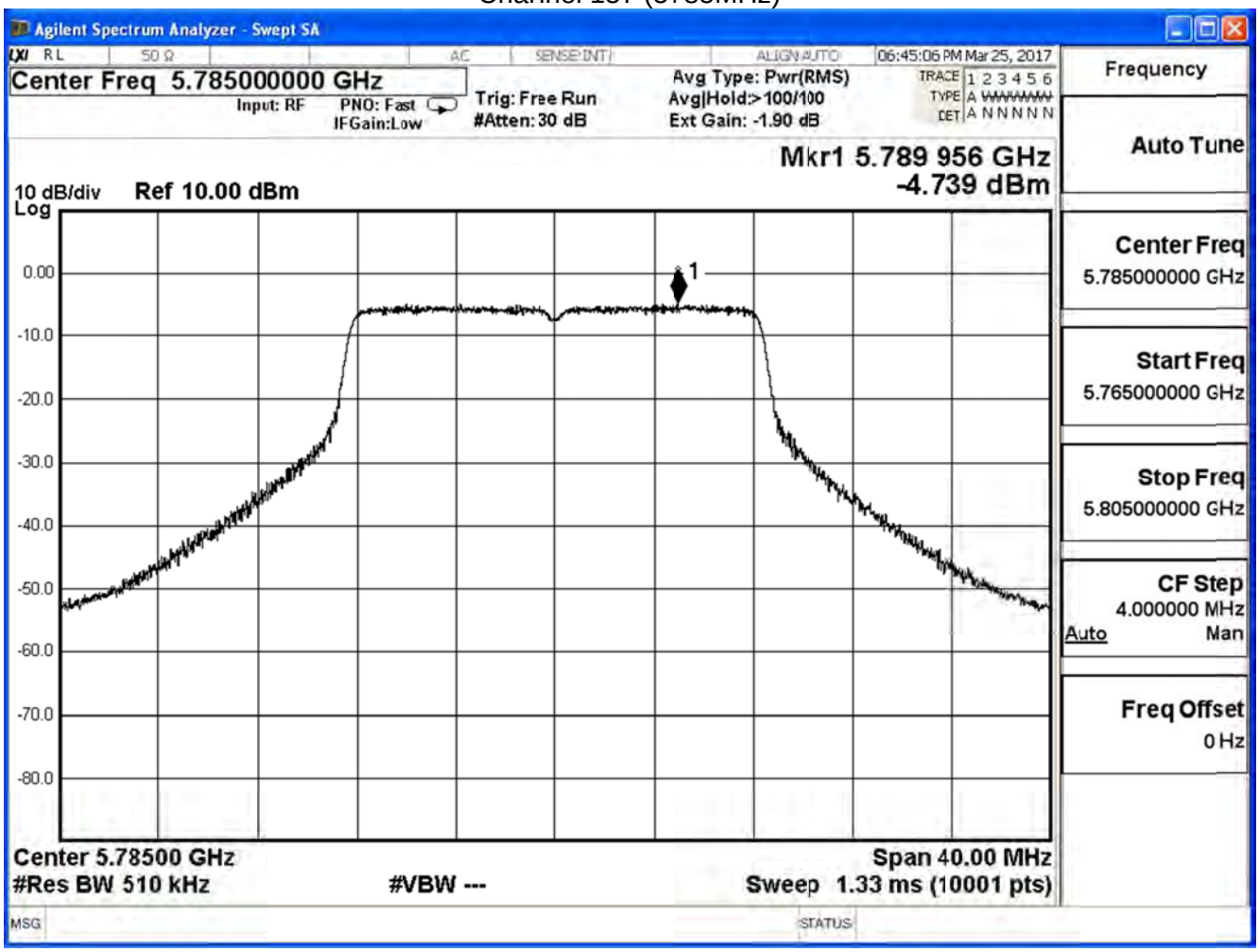
Note:

Directional gain=10log(ANT N)+Gain=7.78+2=9.78
Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

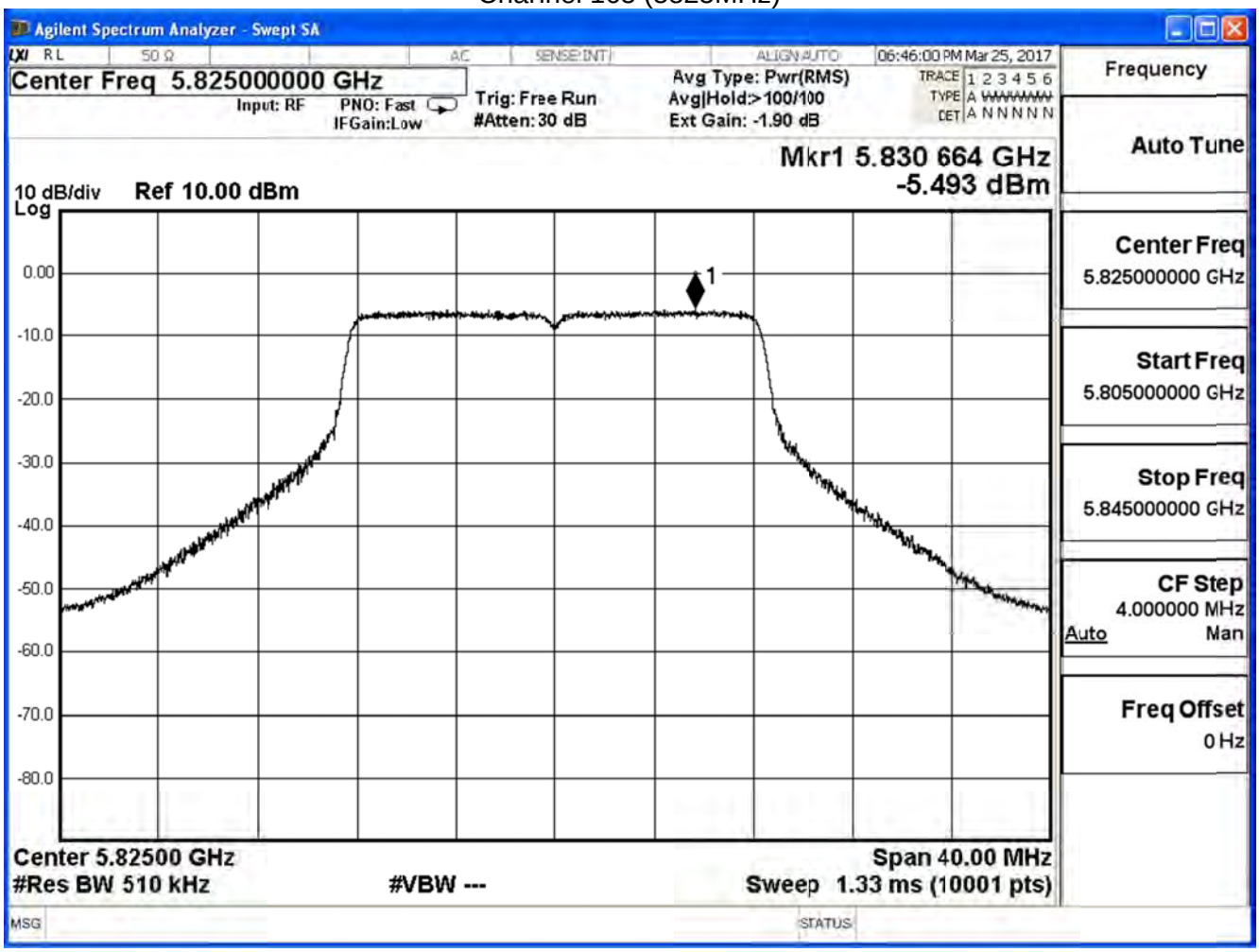
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



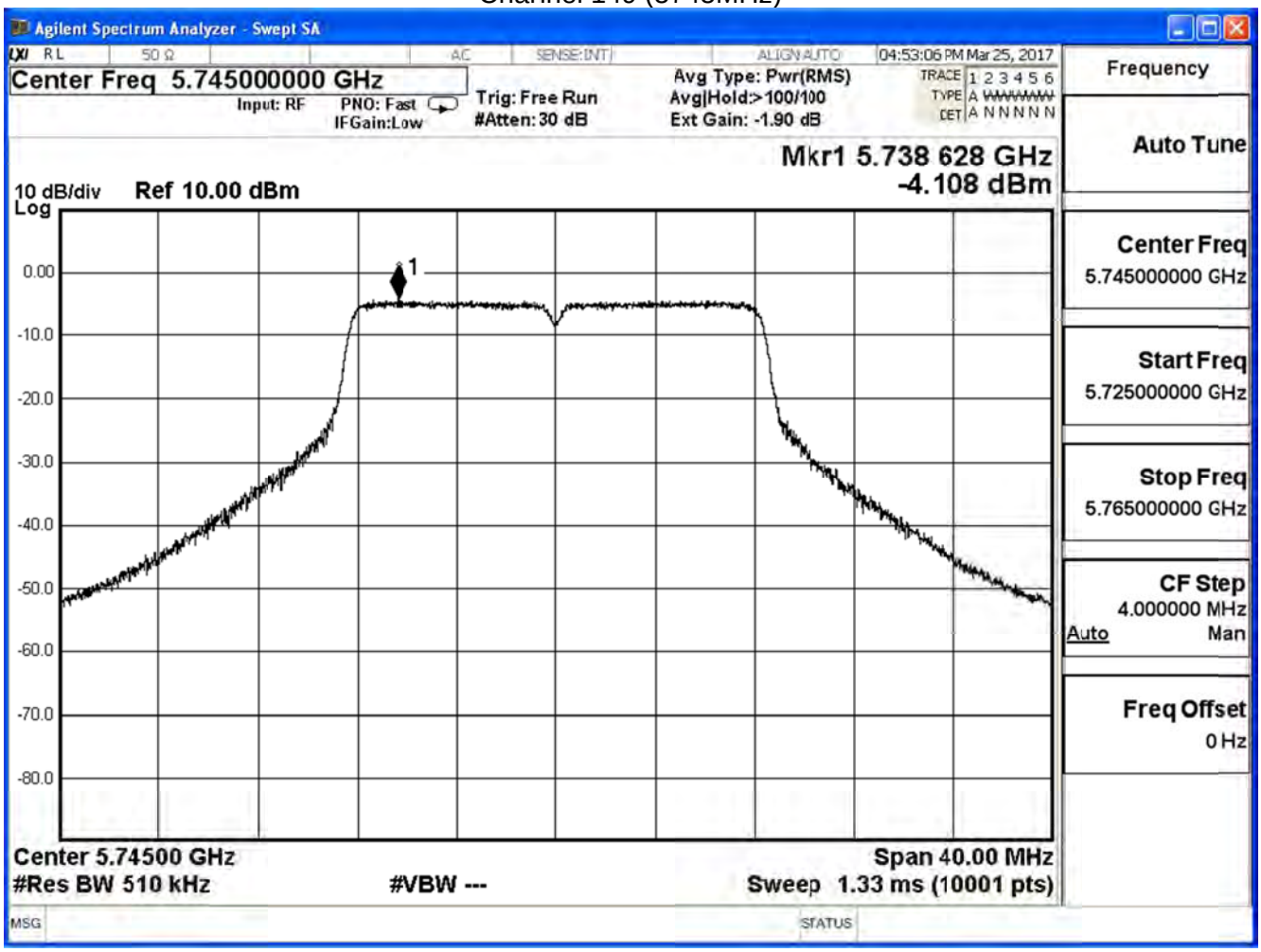
Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11a (ANT 2)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
149	5745	-4.108	≦26.22	Pass
157	5785	-4.962	≦26.22	Pass
165	5825	-6.022	≦26.22	Pass

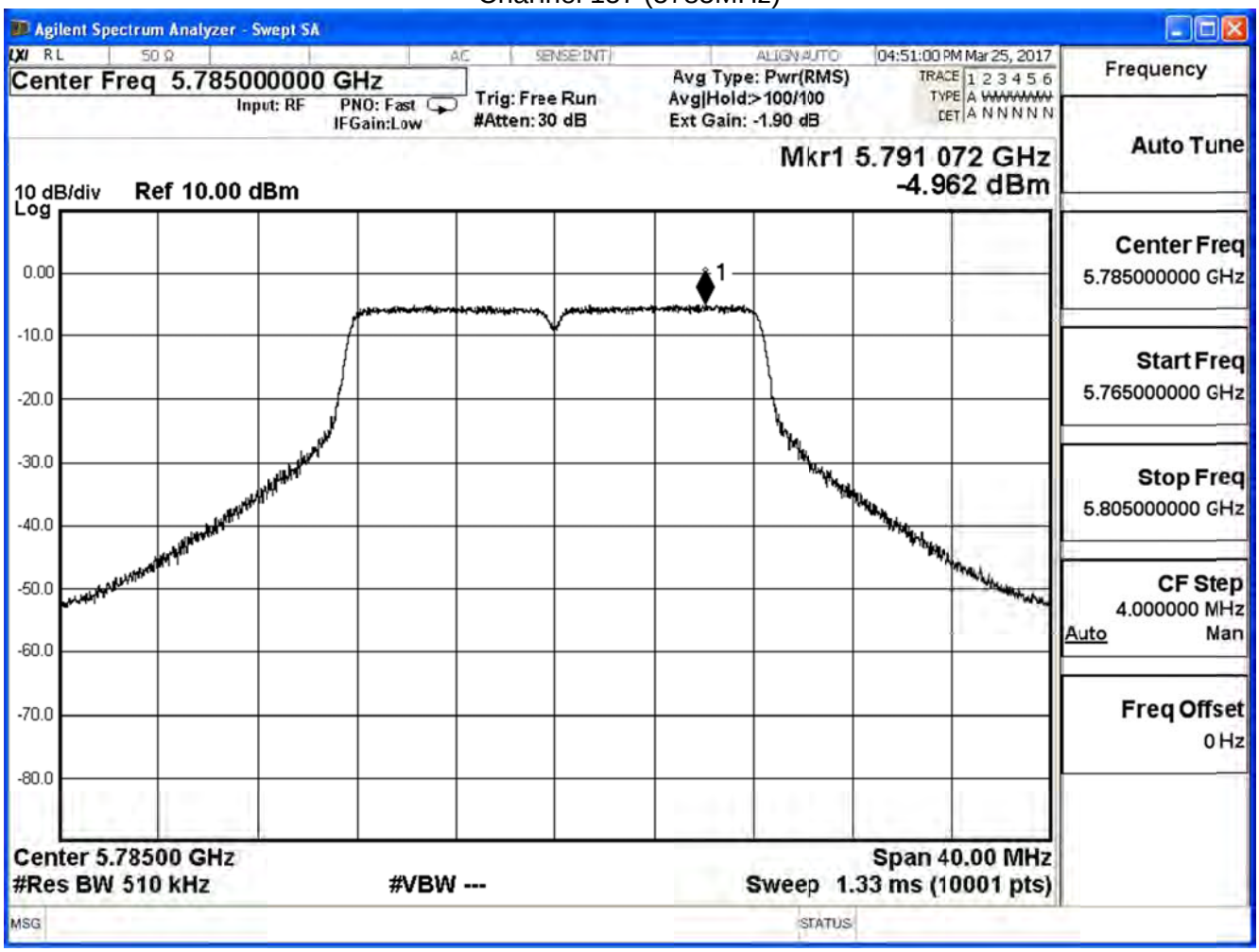
Note:

Directional gain=10log(ANT N)+Gain=7.78+2=9.78
Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

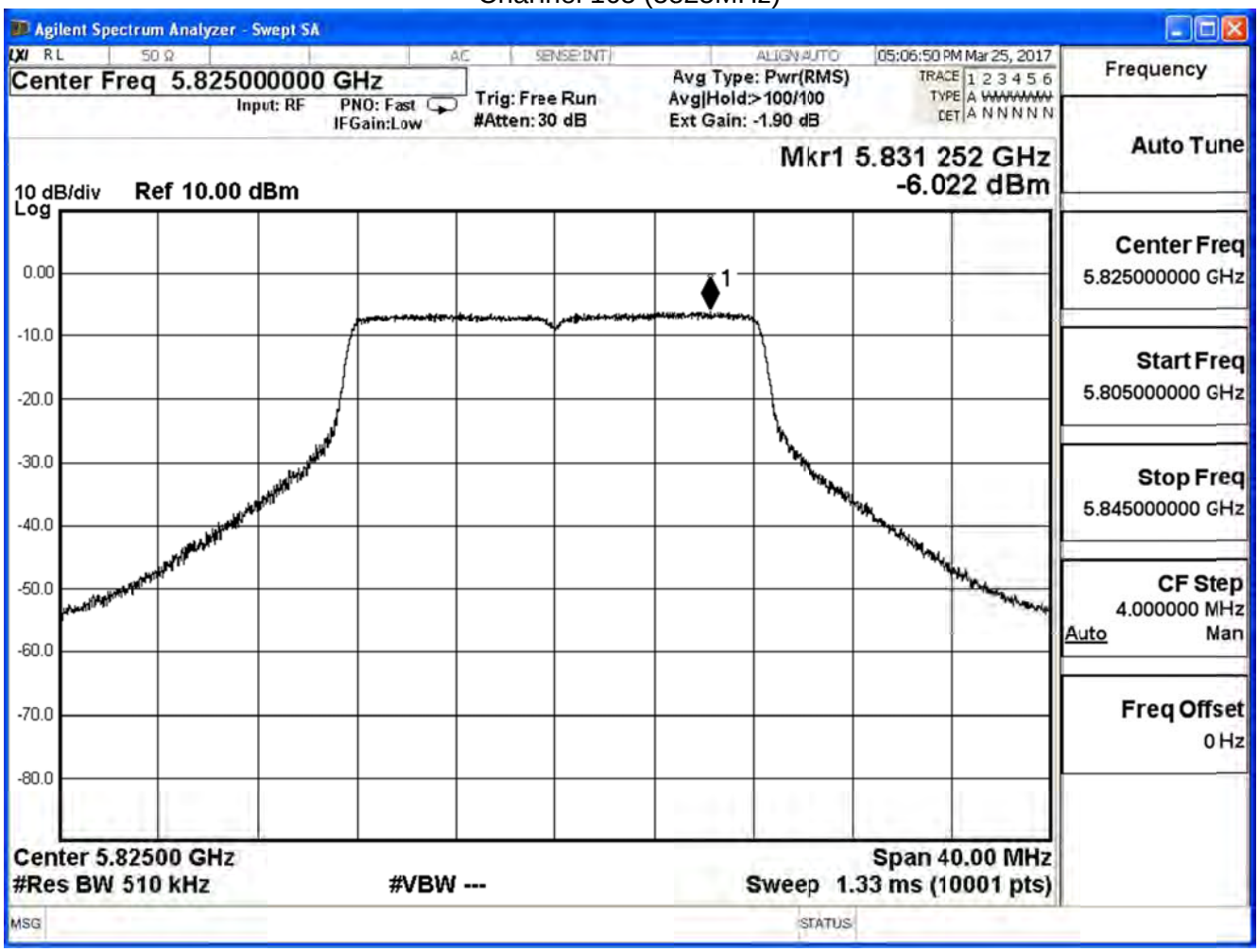
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



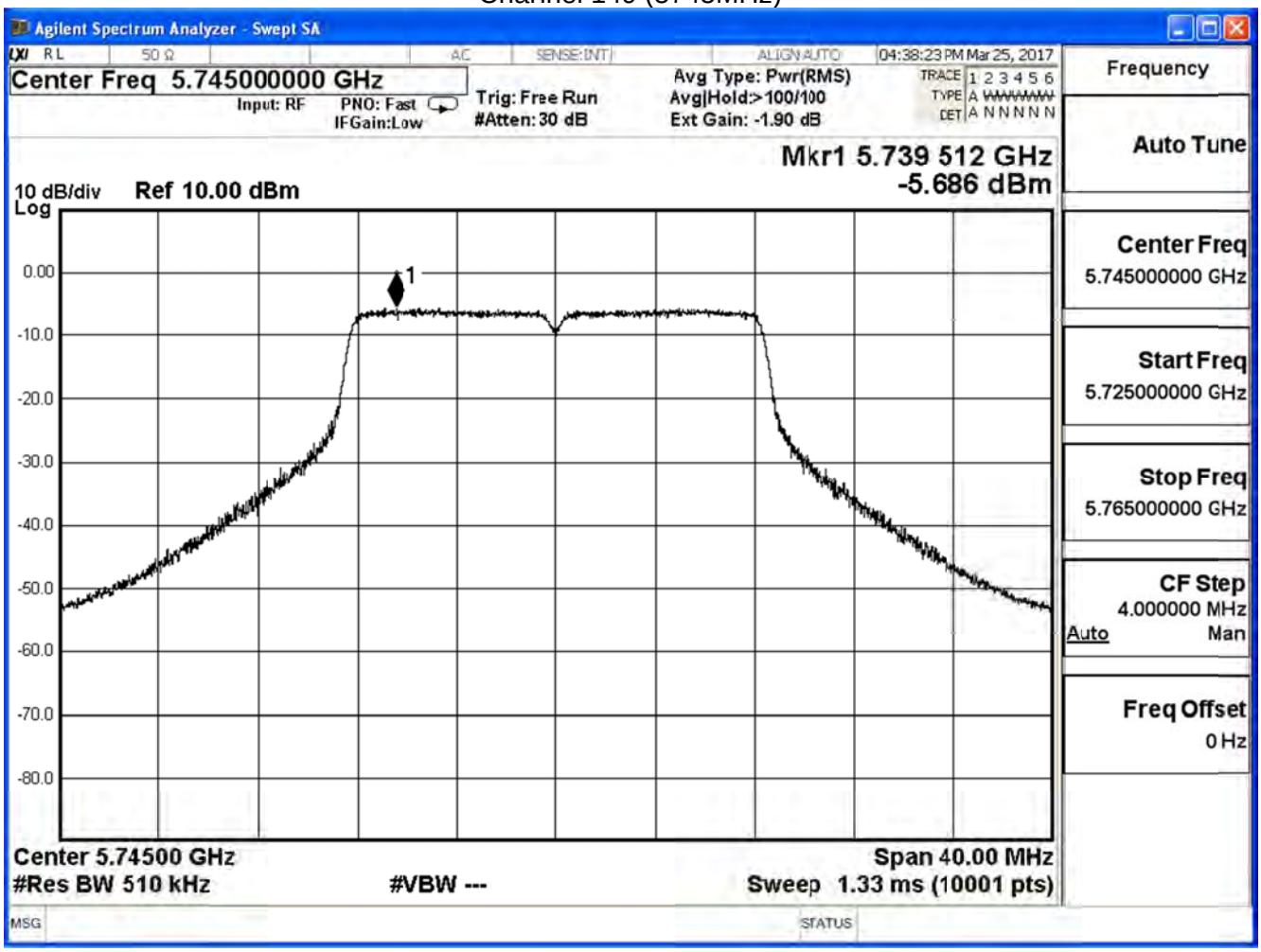
Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11a (ANT 3)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
149	5745	-5.686	≦26.22	Pass
157	5785	-5.580	≦26.22	Pass
165	5825	-5.824	≦26.22	Pass

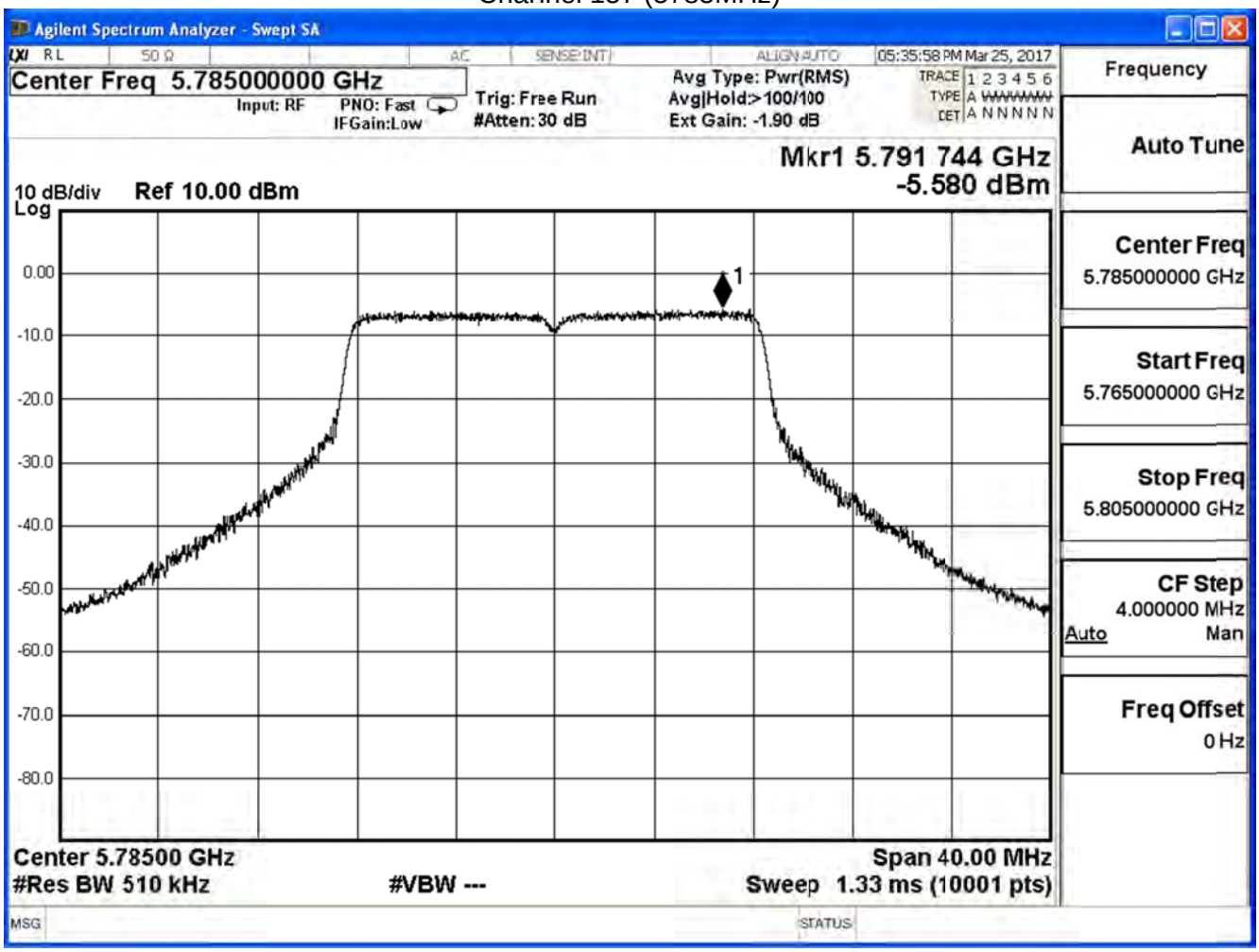
Note:

Directional gain=10log(ANT N)+Gain=7.78+2=9.78
Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

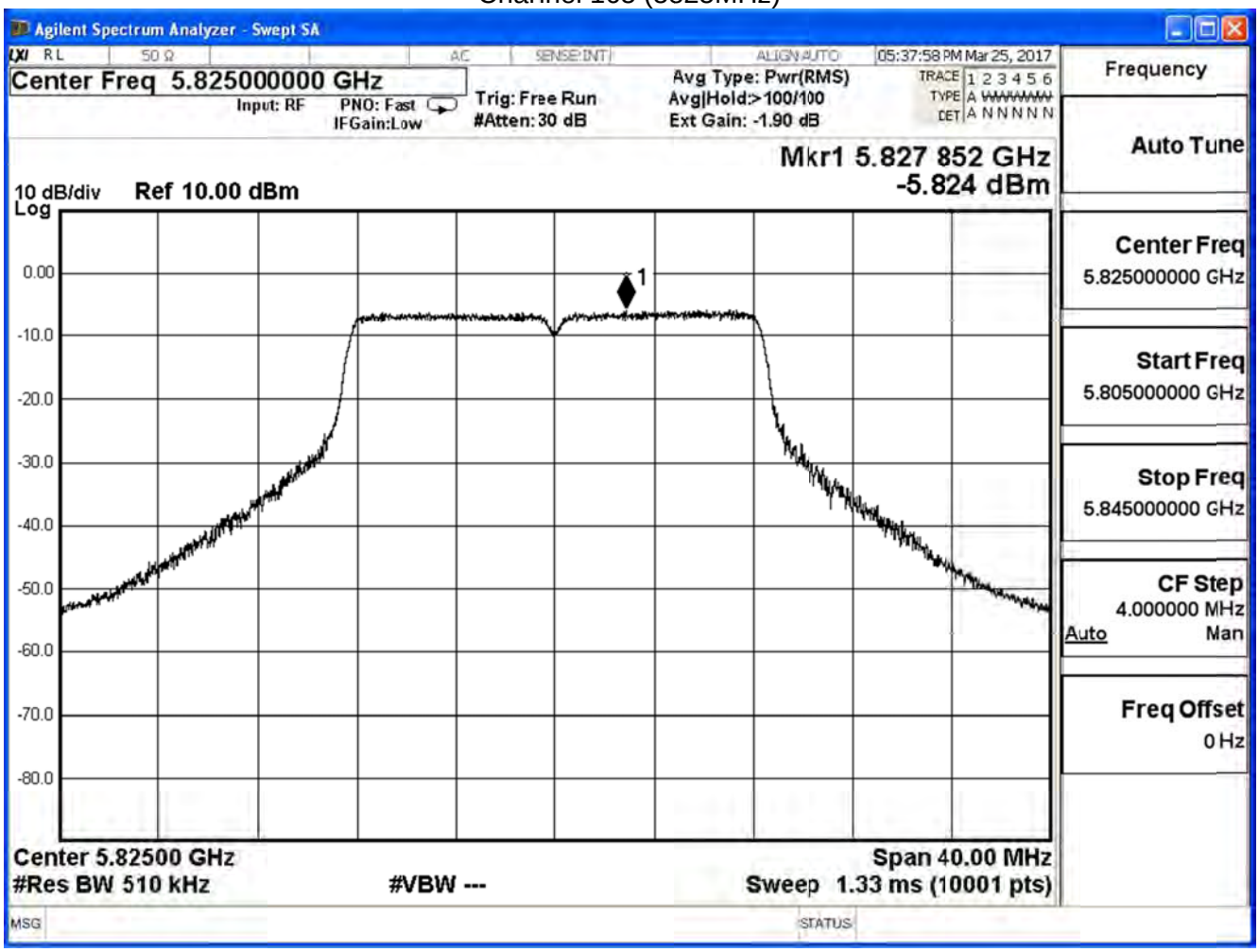
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



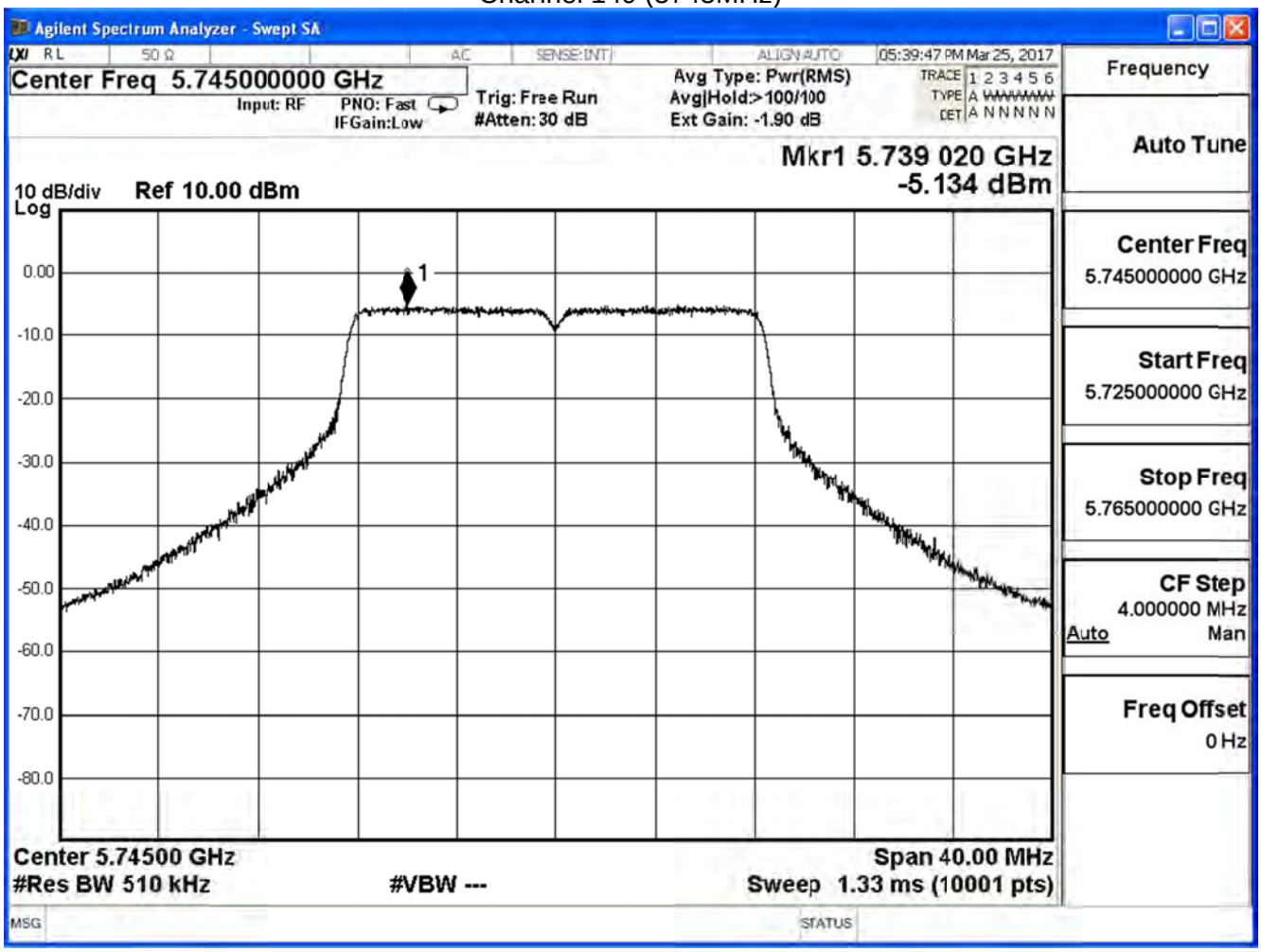
Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11a (ANT 4)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
149	5745	-5.134	≦26.22	Pass
157	5785	-5.105	≦26.22	Pass
165	5825	-5.425	≦26.22	Pass

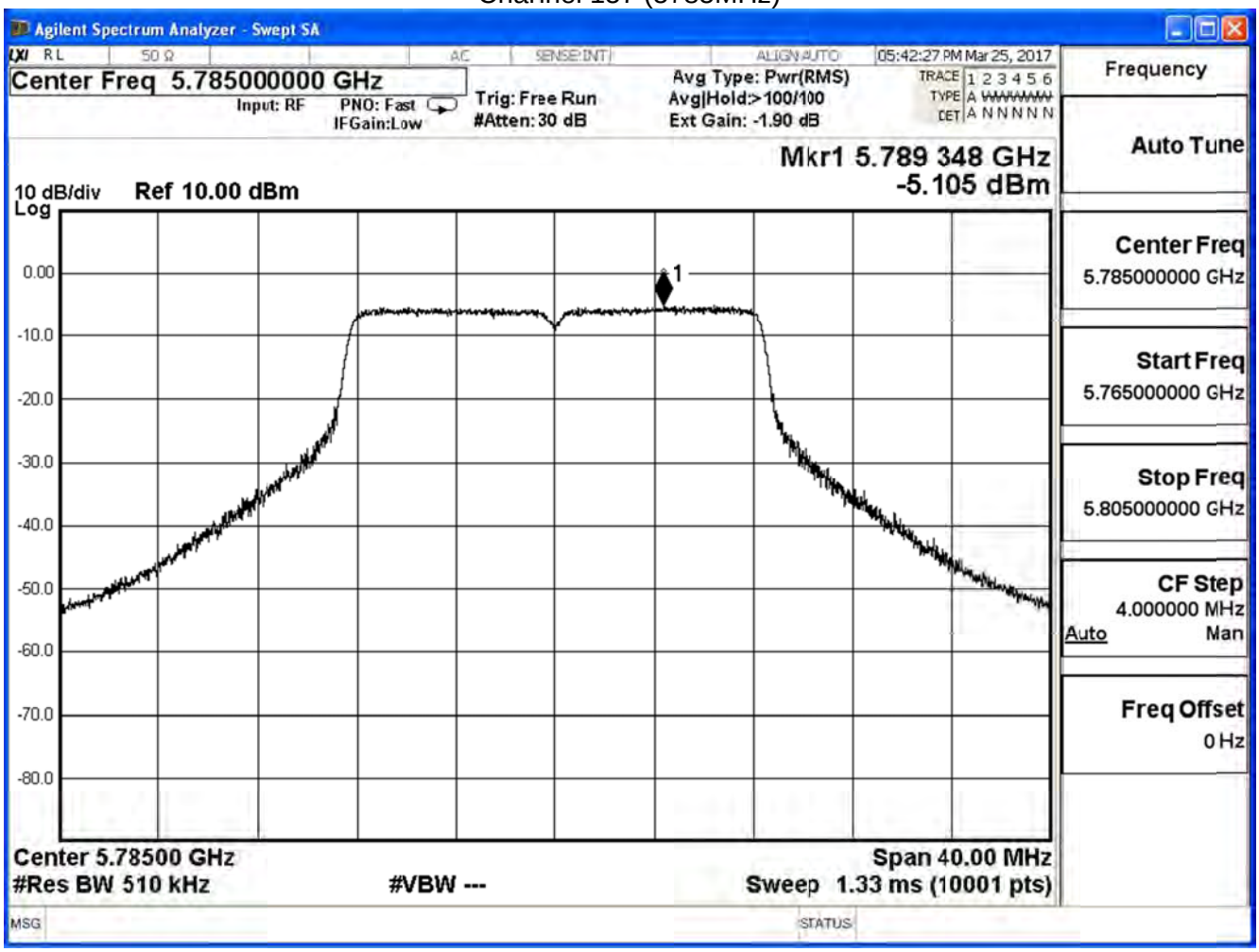
Note:

Directional gain=10log(ANT N)+Gain=7.78+2=9.78
Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

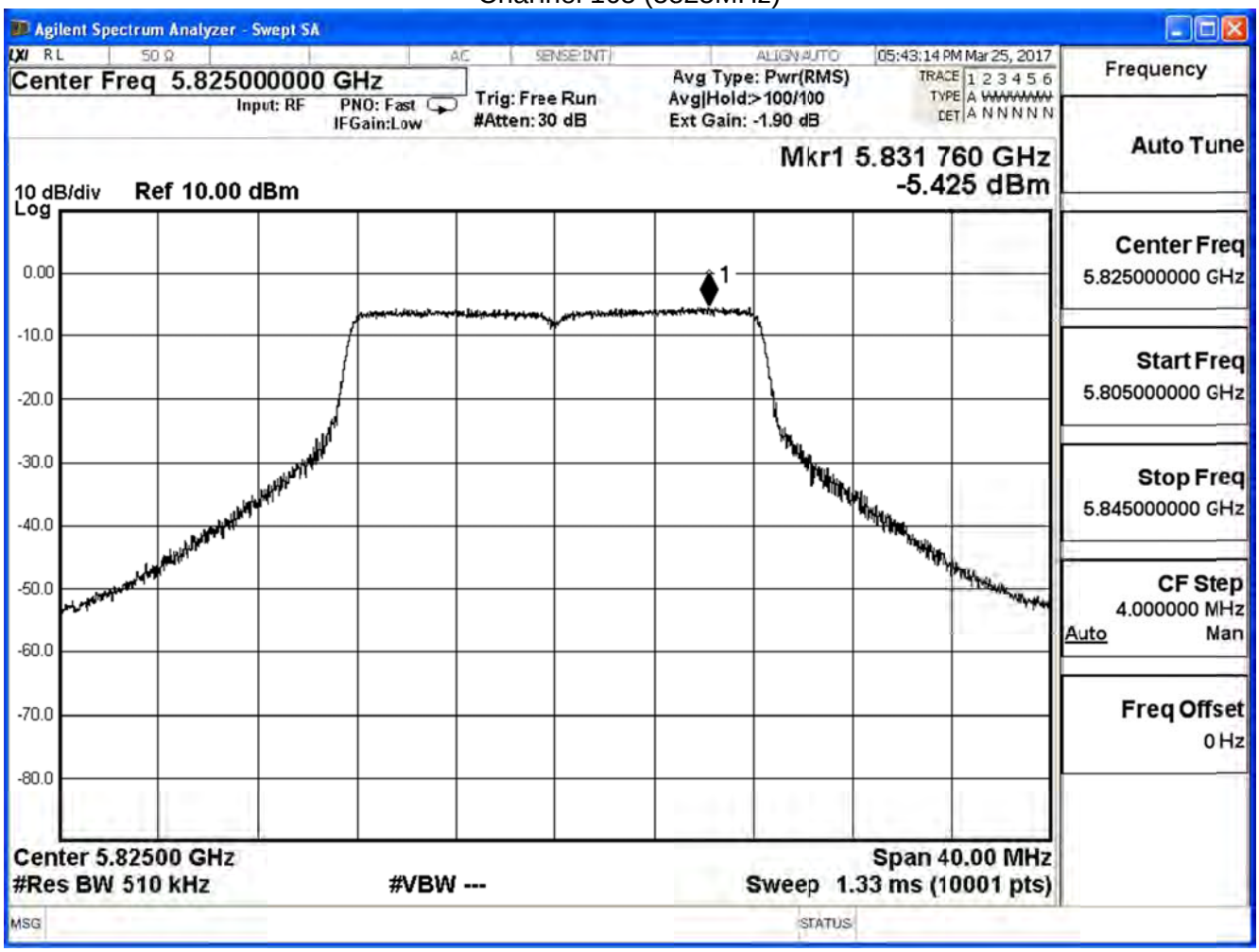
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



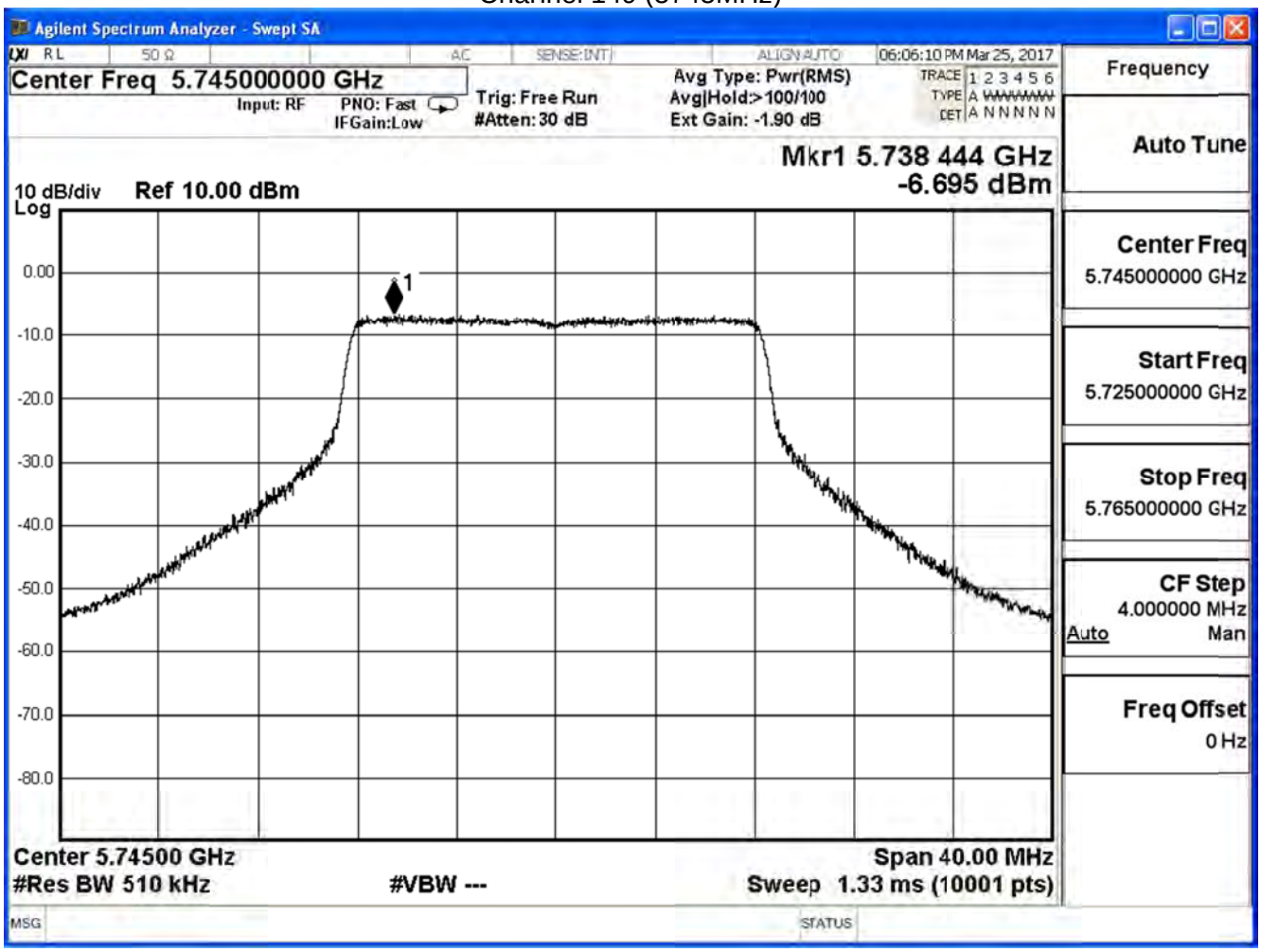
Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11a (ANT 5)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
149	5745	-6.695	≦26.22	Pass
157	5785	-6.903	≦26.22	Pass
165	5825	-6.940	≦26.22	Pass

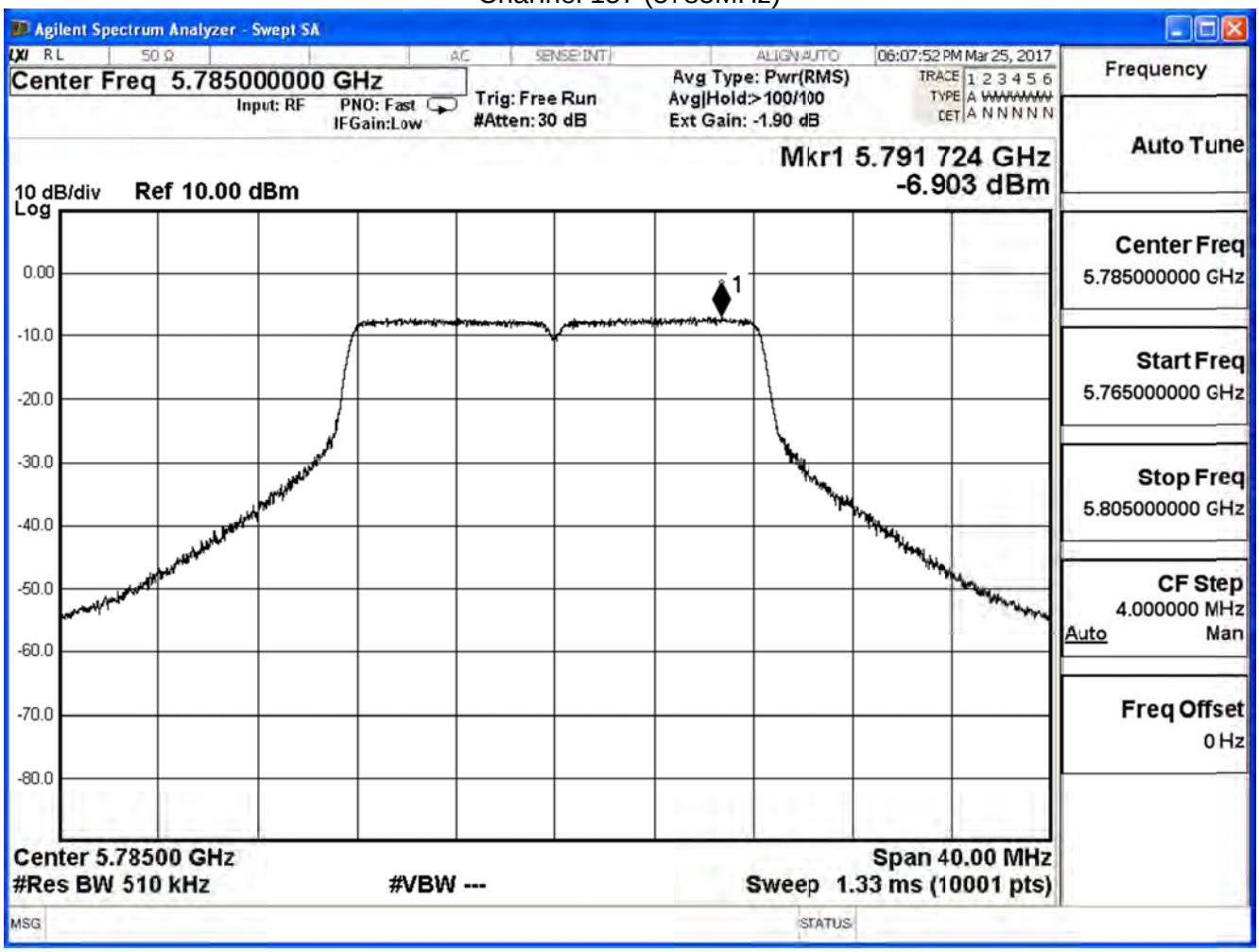
Note:

Directional gain=10log(ANT N)+Gain=7.78+2=9.78
Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

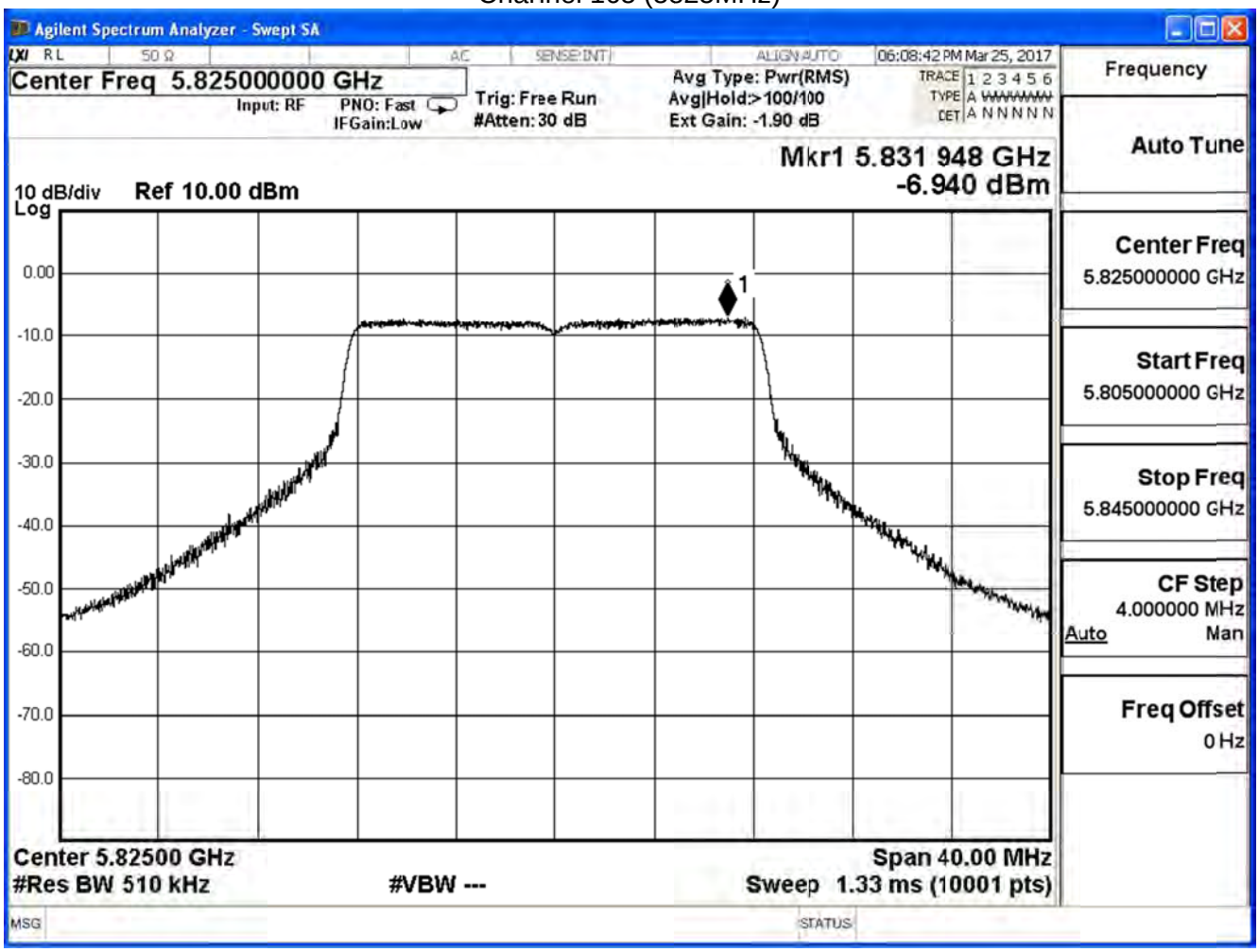
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11a (ANT 0+1+2+3+4+5)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	2.605	≦26.22	Pass
157	5785	2.325	≦26.22	Pass
165	5825	1.796	≦26.22	Pass

Note:

Directional gain=10log(ANT N)+Gain=7.78+2=9.78
Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

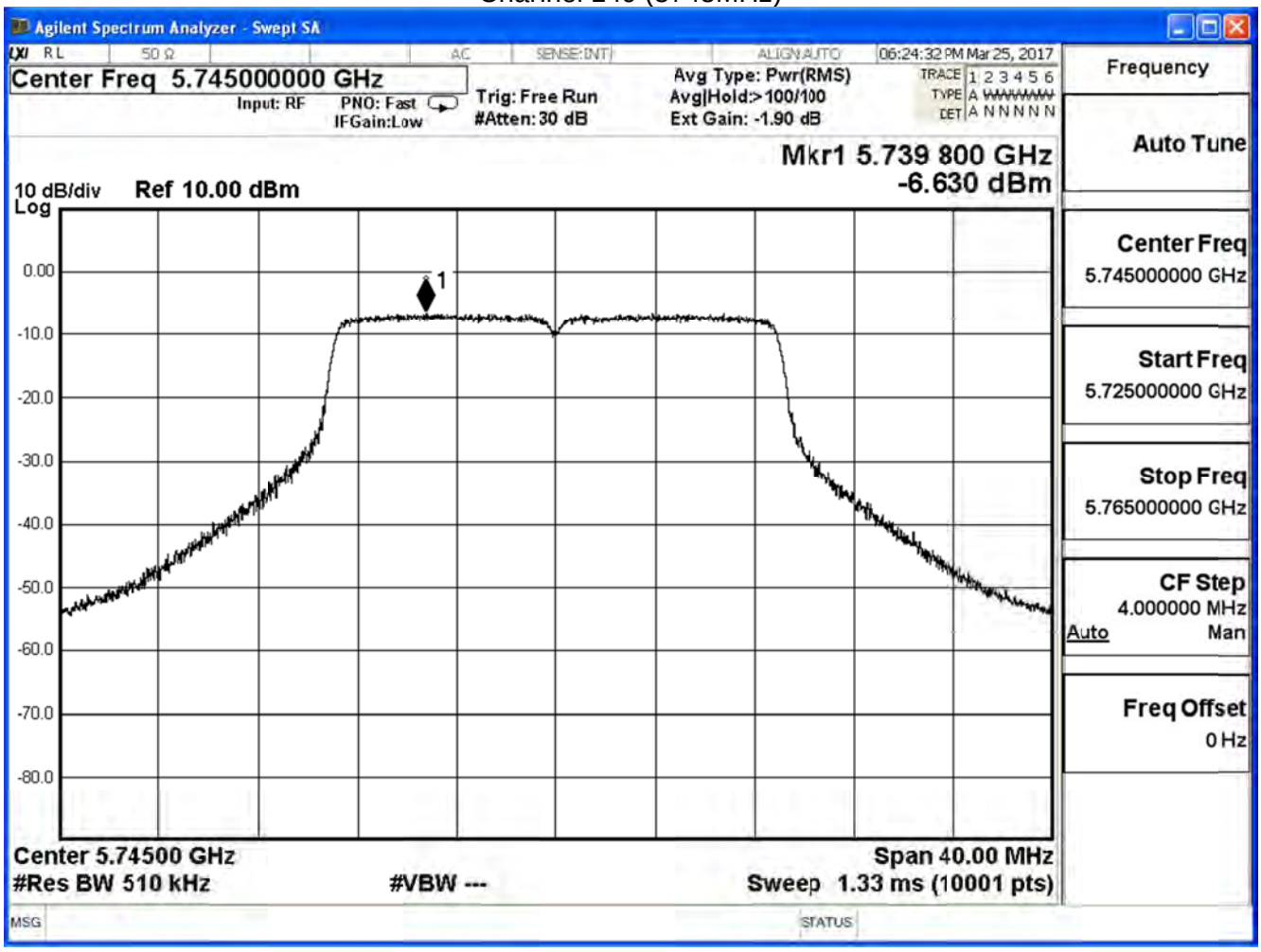
Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 0)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
149	5745	-6.630	≦26.22	Pass
157	5785	-8.415	≦26.22	Pass
165	5825	-10.364	≦26.22	Pass

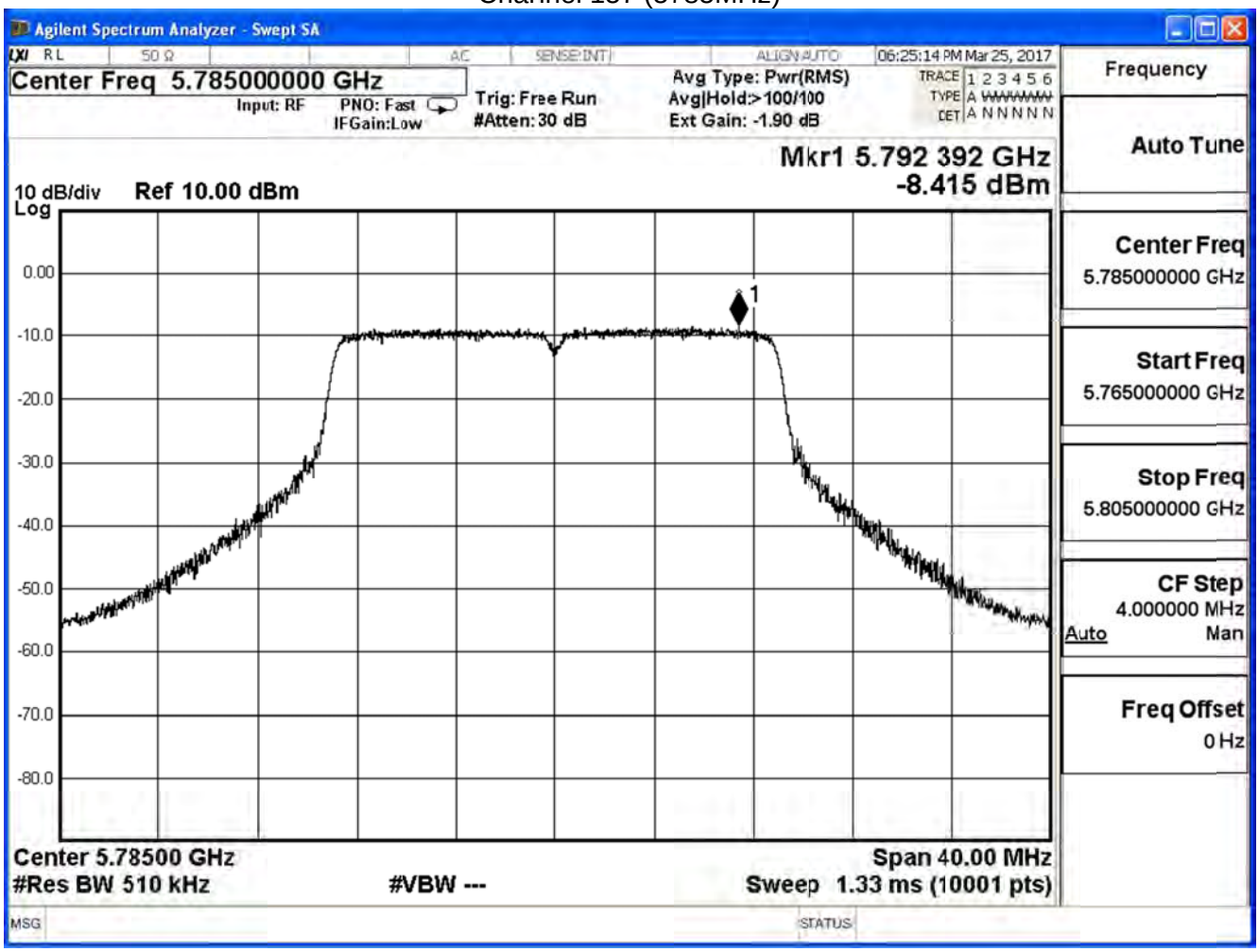
Note:

Directional gain=10log(ANT N)+Gain=7.78+2=9.78
Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

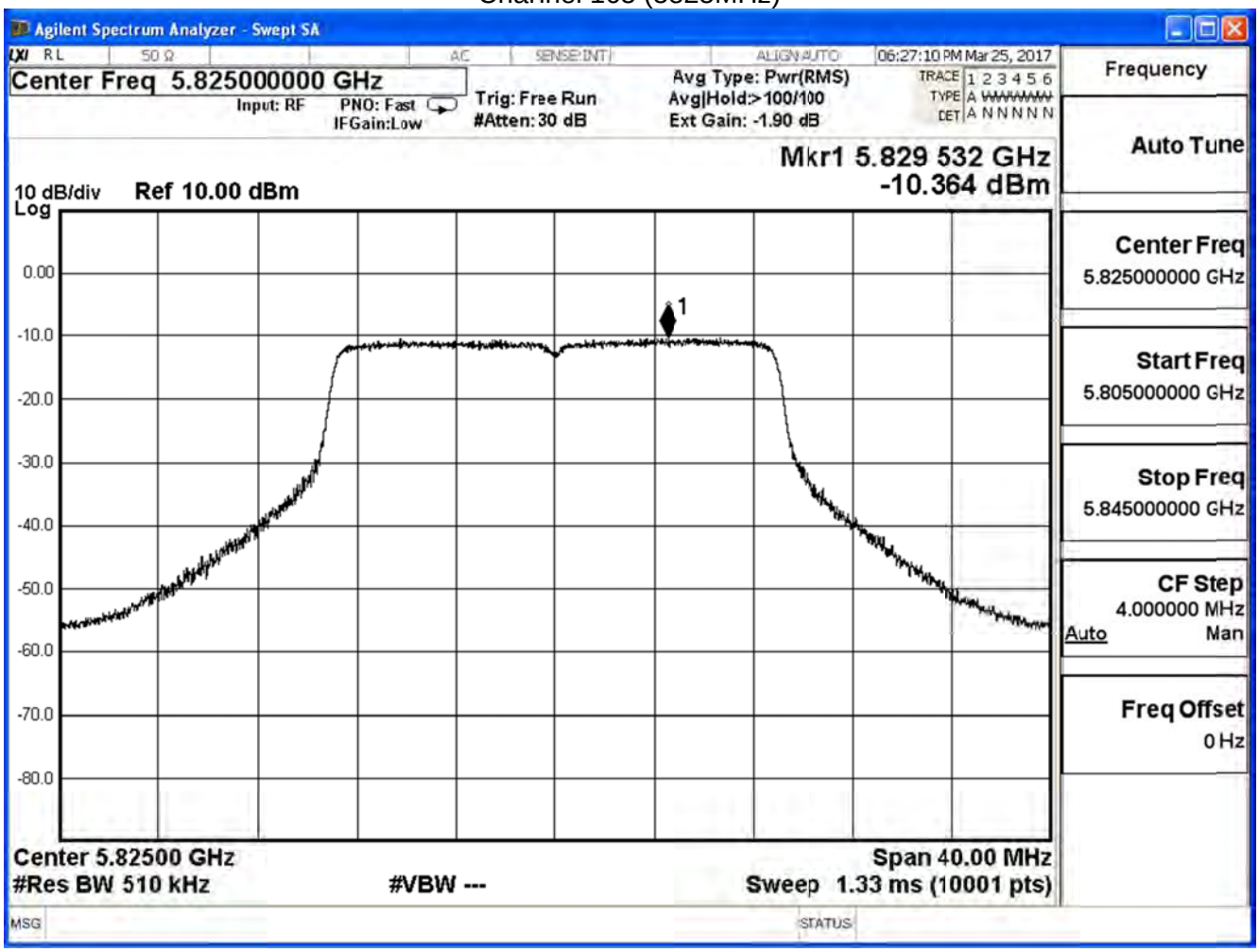
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



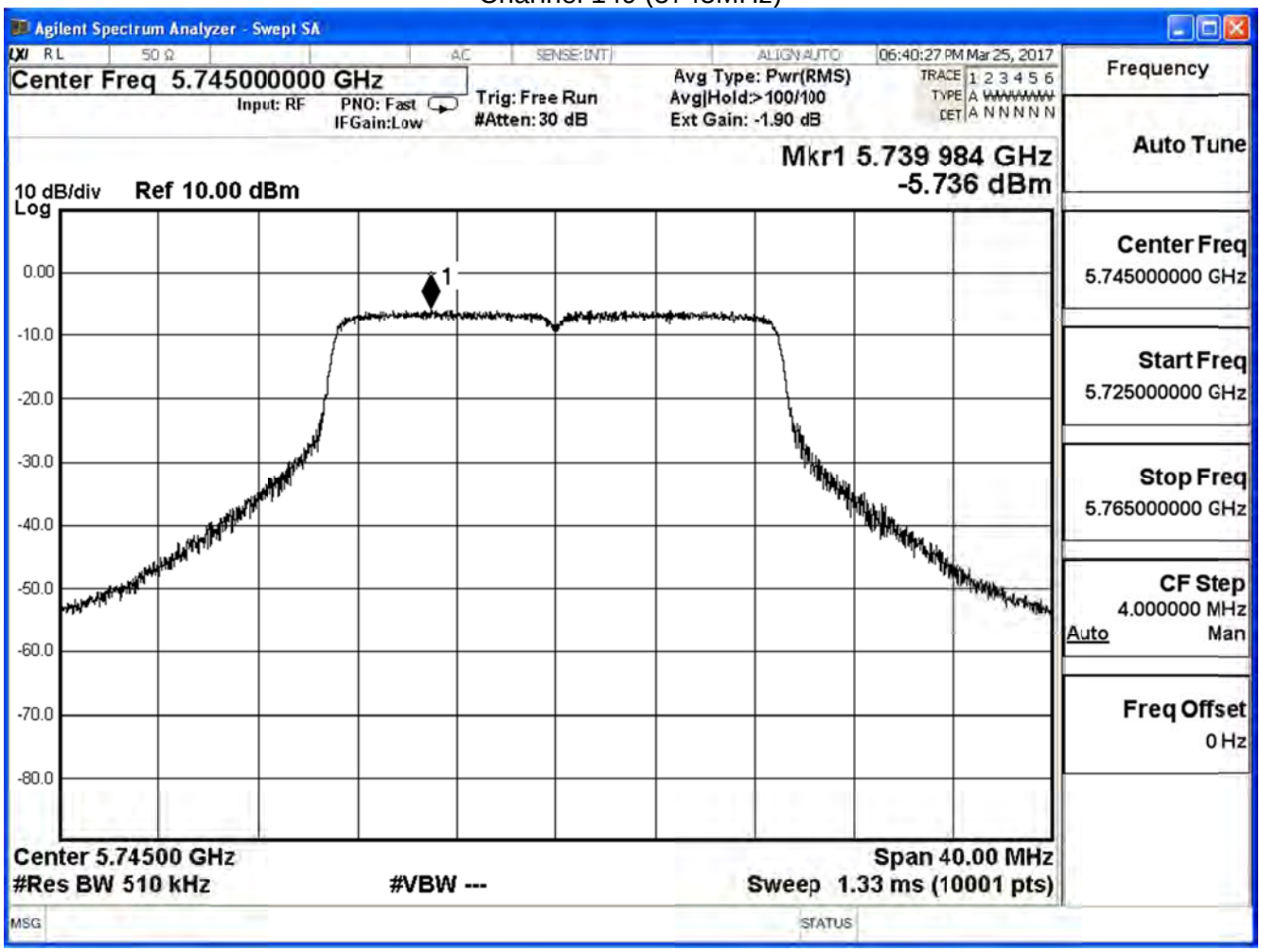
Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 1)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
149	5745	-5.736	≦26.22	Pass
157	5785	-8.032	≦26.22	Pass
165	5825	-10.588	≦26.22	Pass

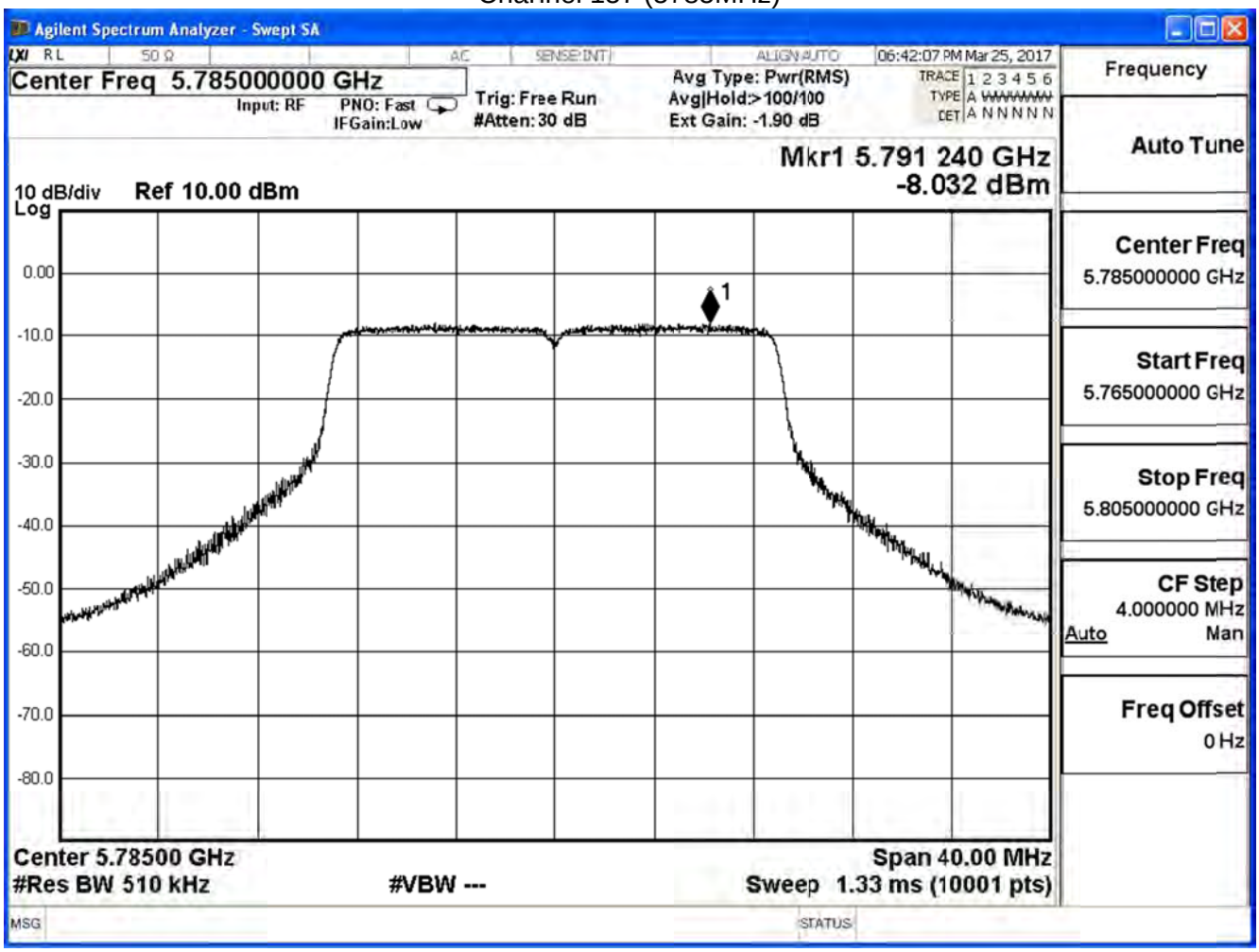
Note:

Directional gain=10log(ANT N)+Gain=7.78+2=9.78
Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

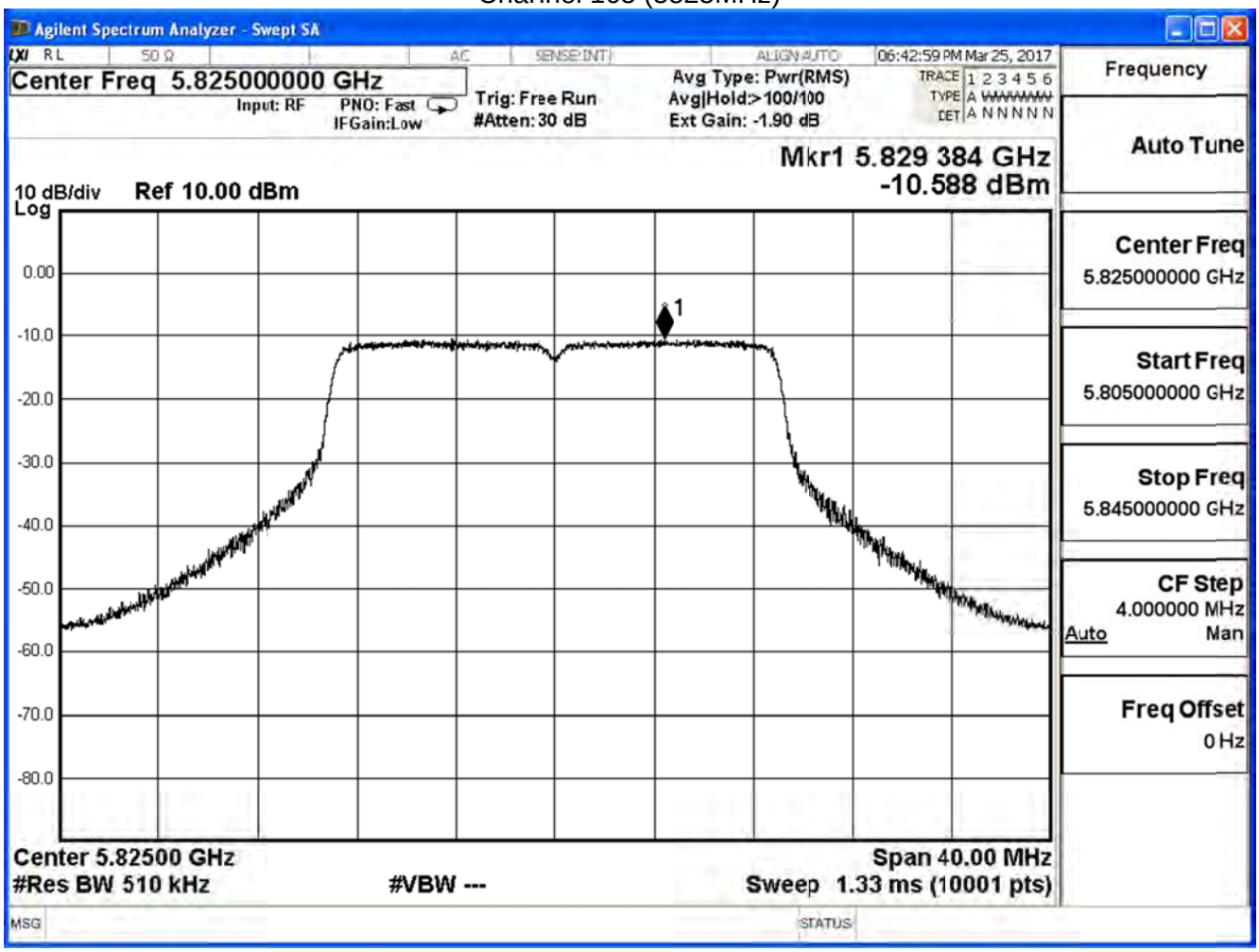
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



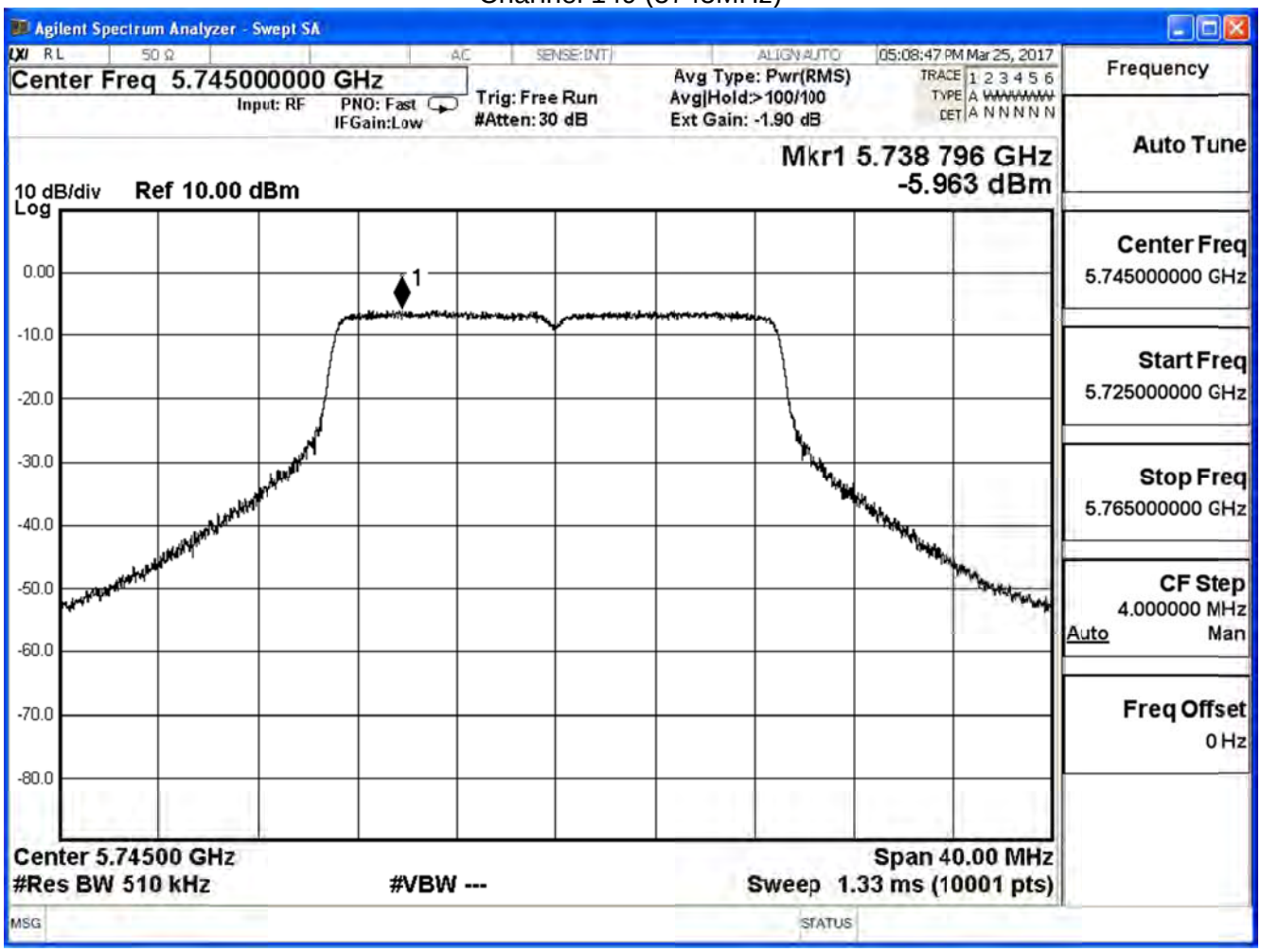
Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 2)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
149	5745	-5.963	≦26.22	Pass
157	5785	-8.135	≦26.22	Pass
165	5825	-9.934	≦26.22	Pass

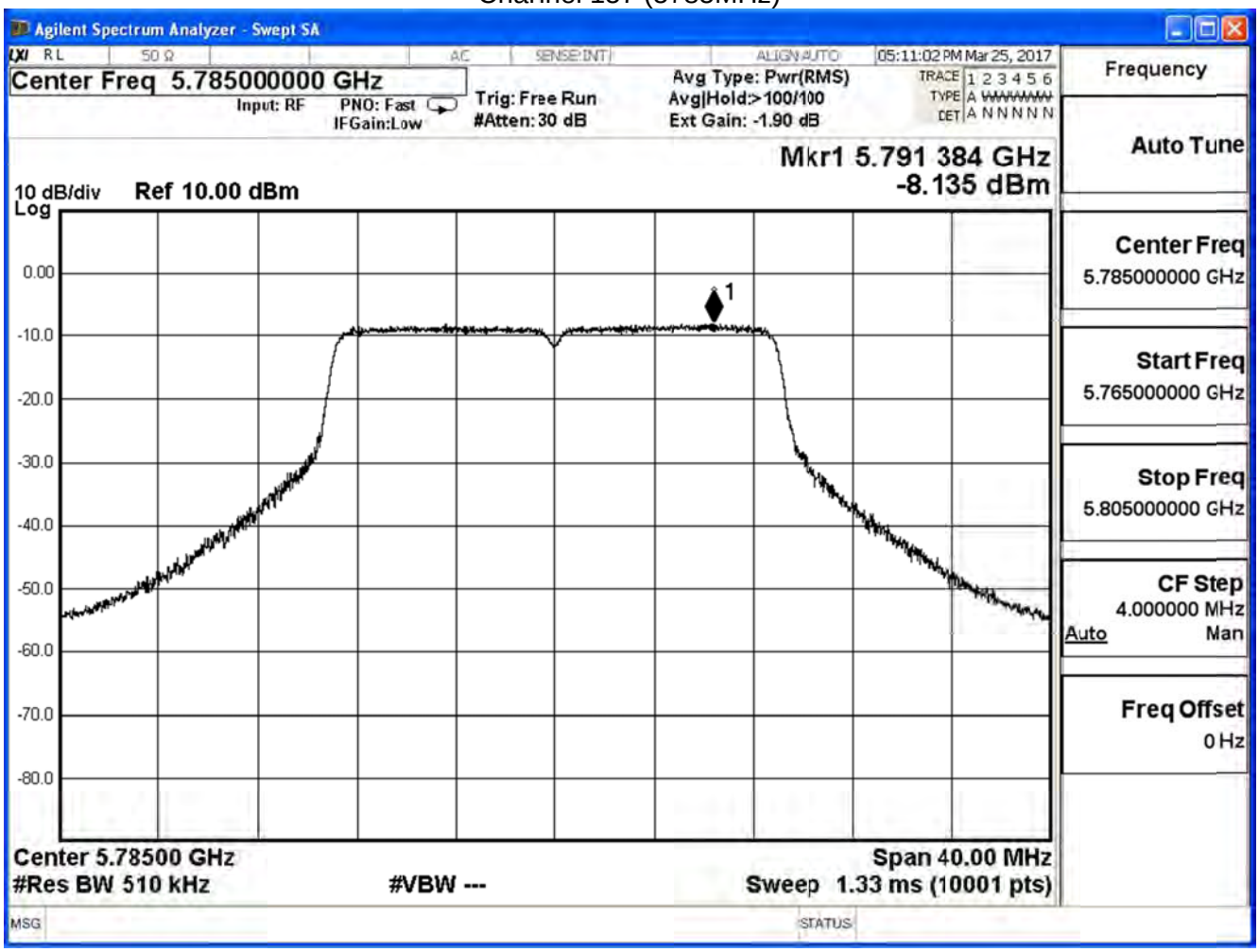
Note:

Directional gain=10log(ANT N)+Gain=7.78+2=9.78
Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

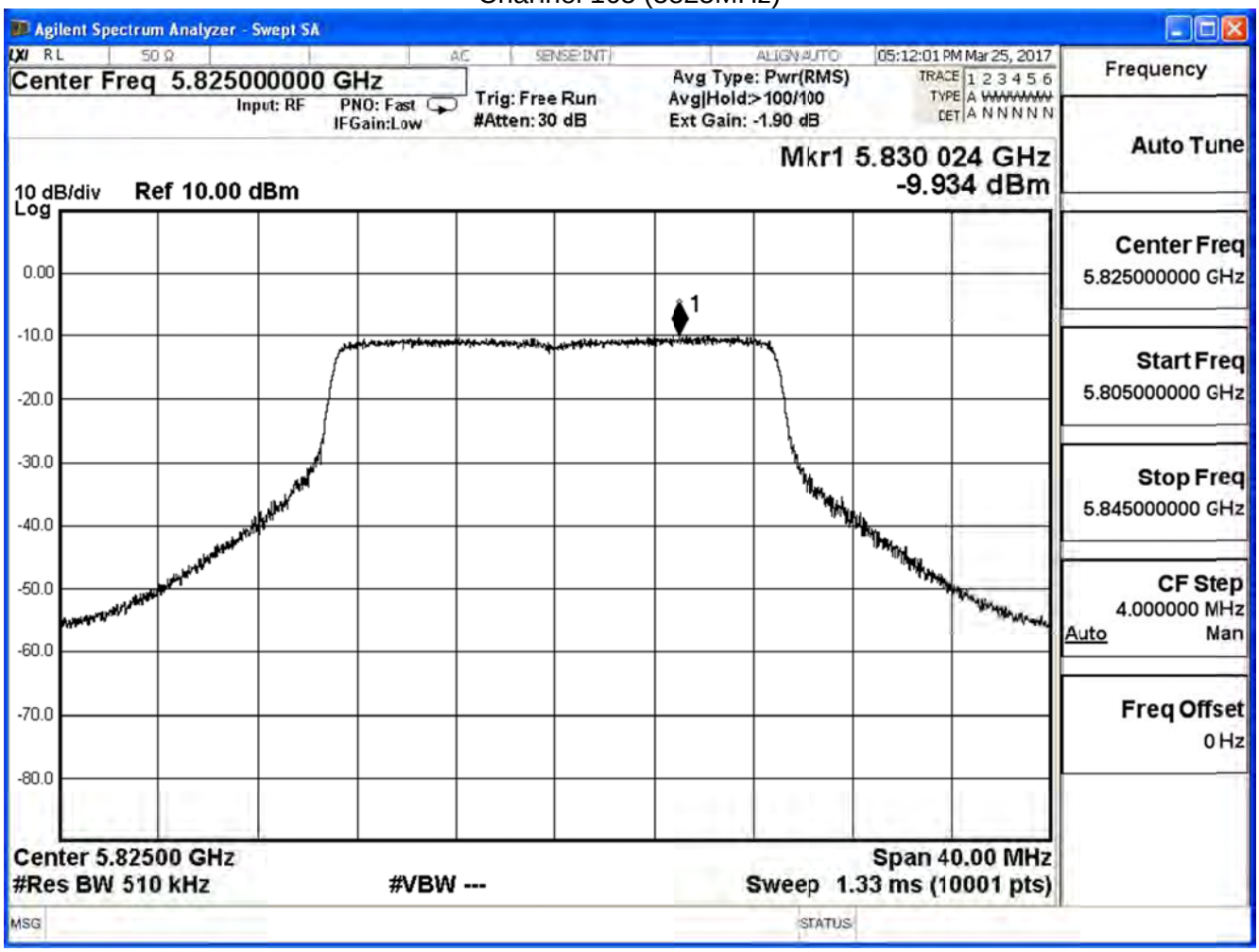
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



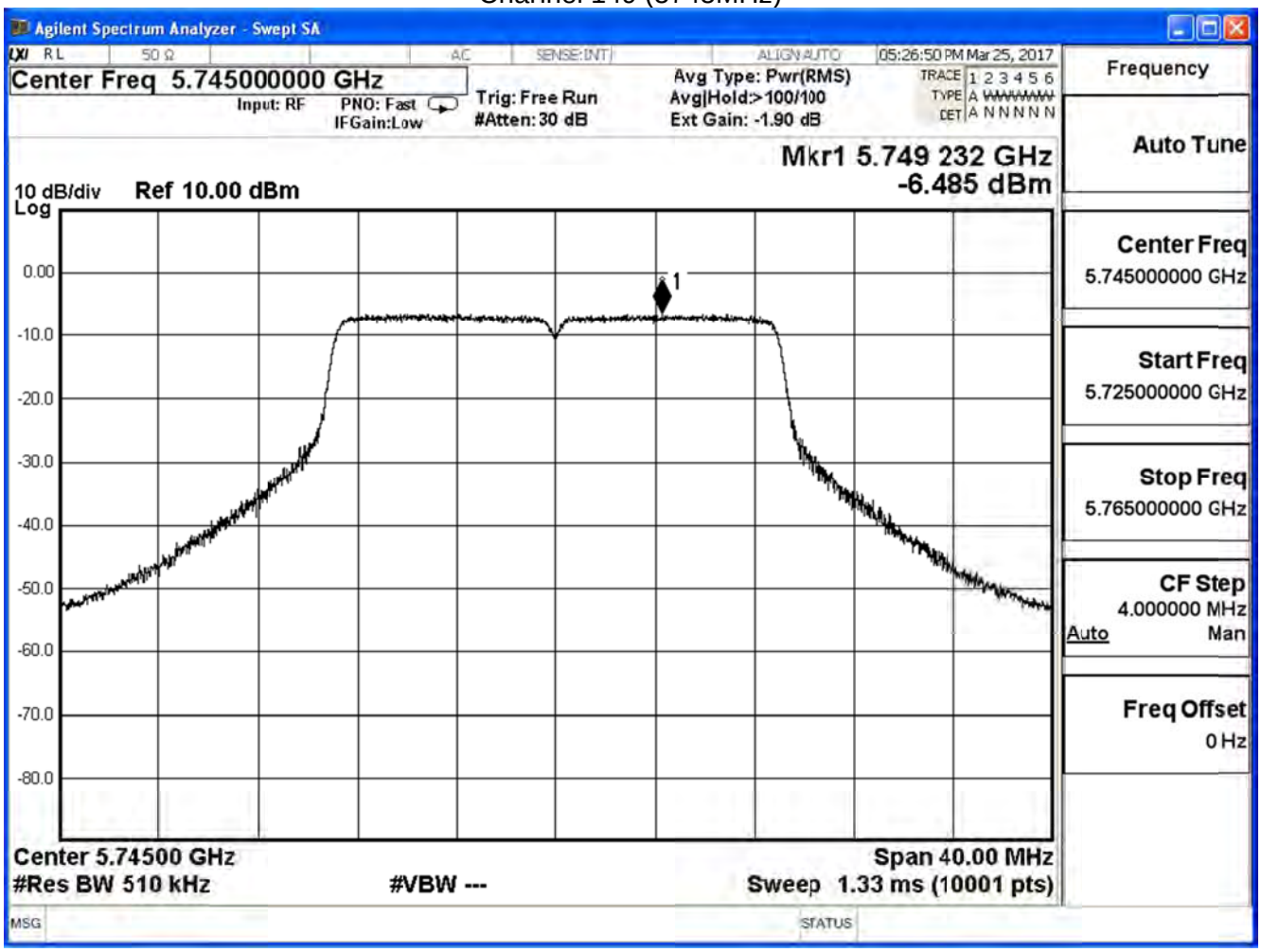
Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 3)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
149	5745	-6.485	≦26.22	Pass
157	5785	-7.864	≦26.22	Pass
165	5825	-9.585	≦26.22	Pass

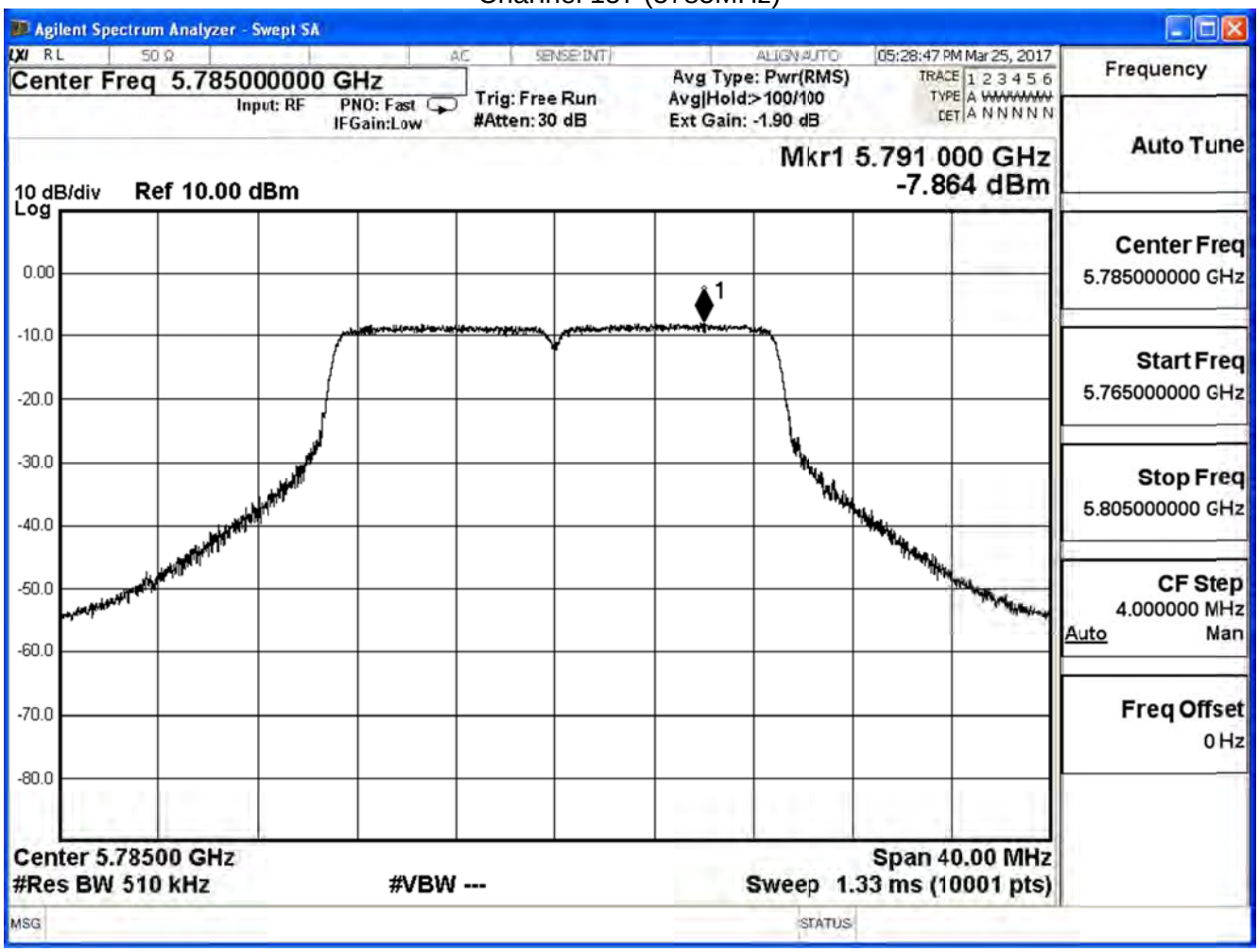
Note:

Directional gain=10log(ANT N)+Gain=7.78+2=9.78
Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

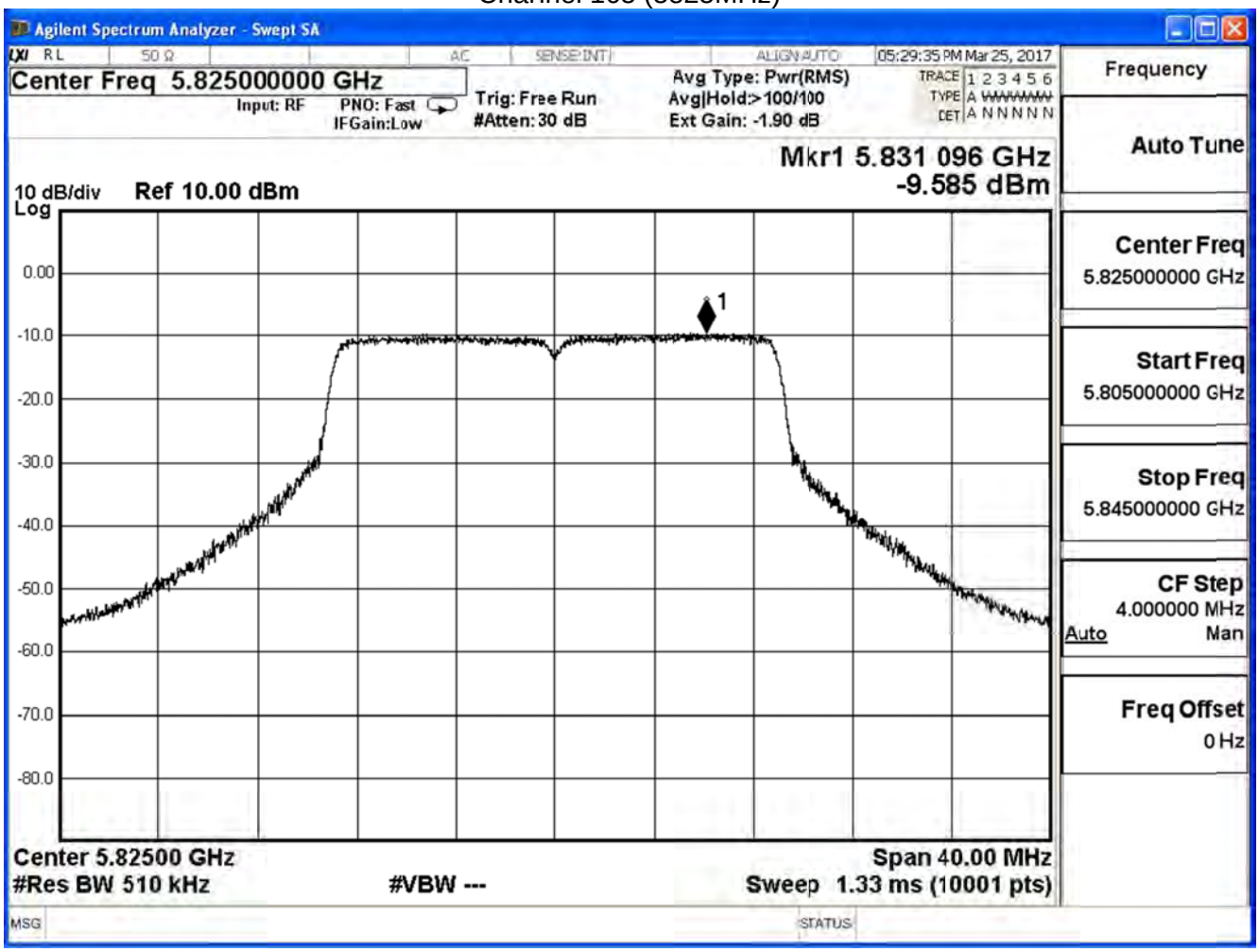
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



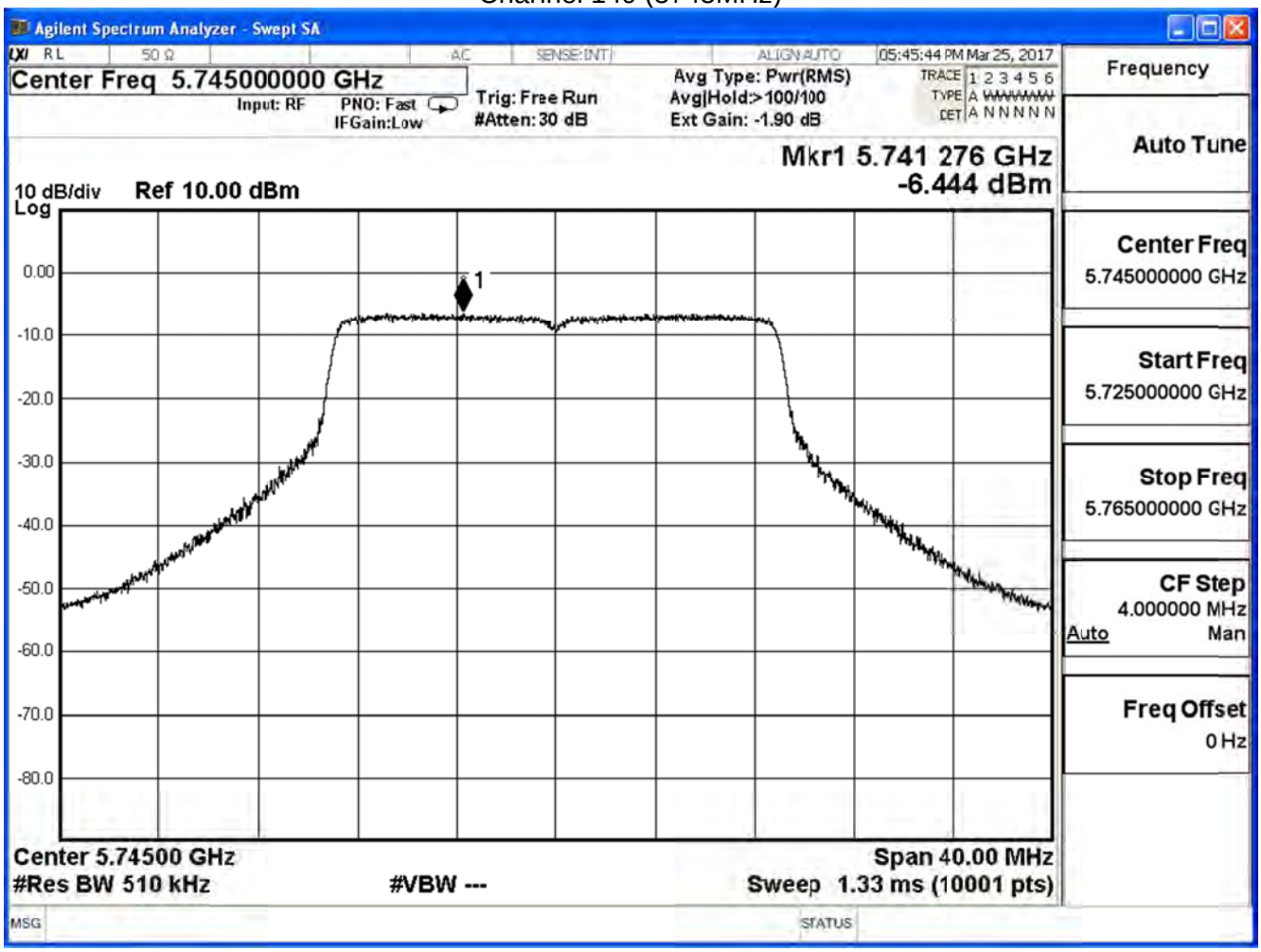
Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 4)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
149	5745	-6.444	≦26.22	Pass
157	5785	-8.013	≦26.22	Pass
165	5825	-8.206	≦26.22	Pass

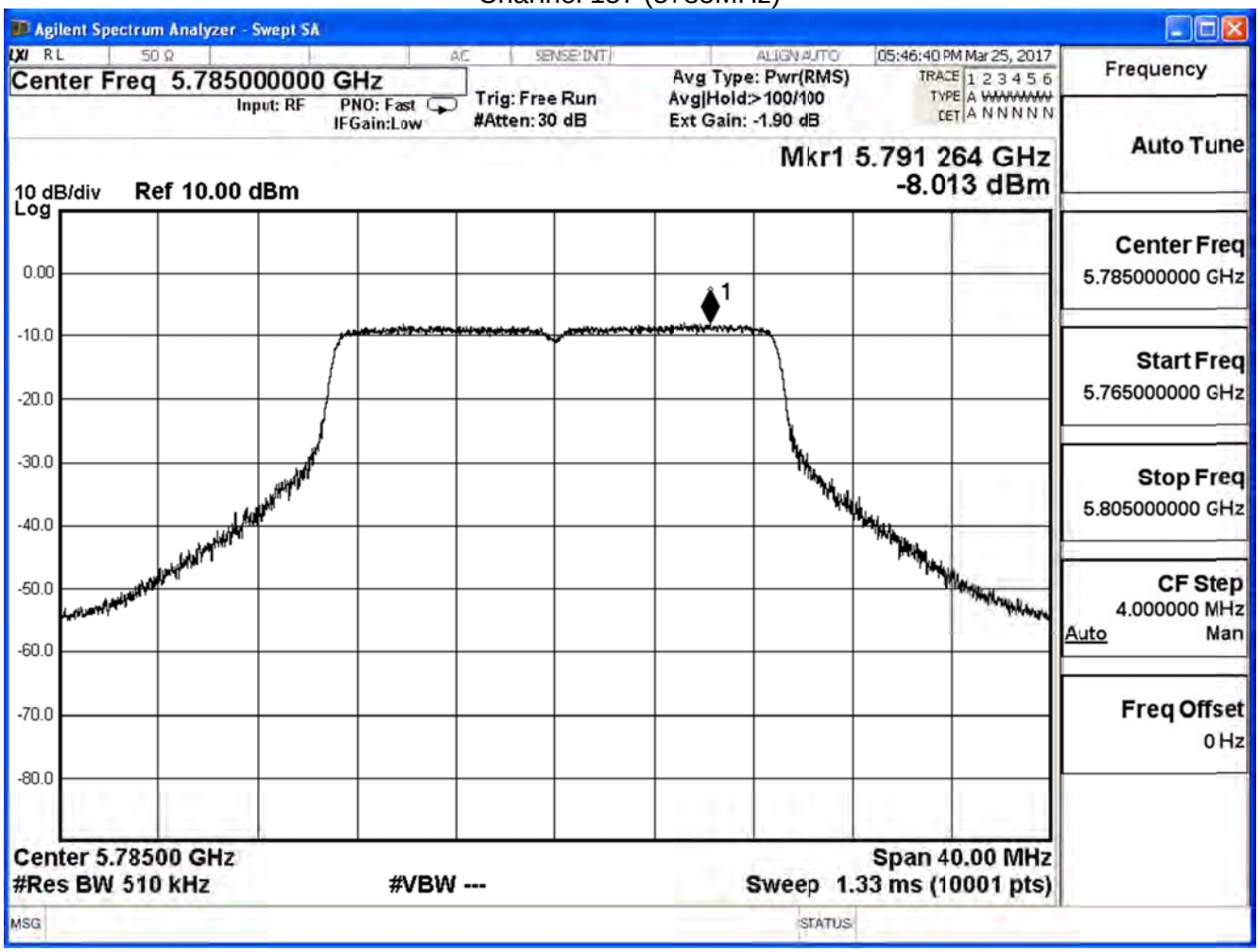
Note:

Directional gain=10log(ANT N)+Gain=7.78+2=9.78
Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

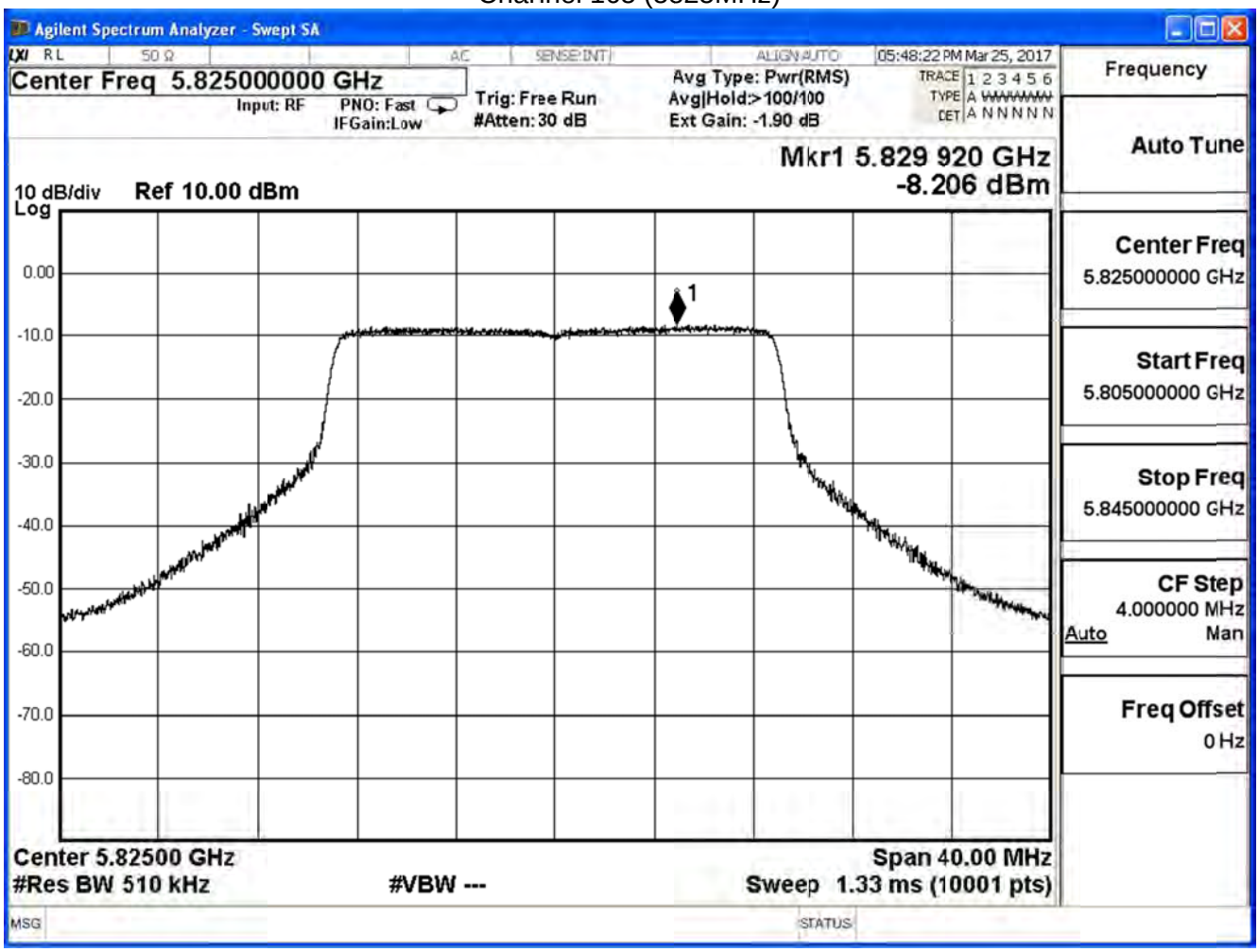
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



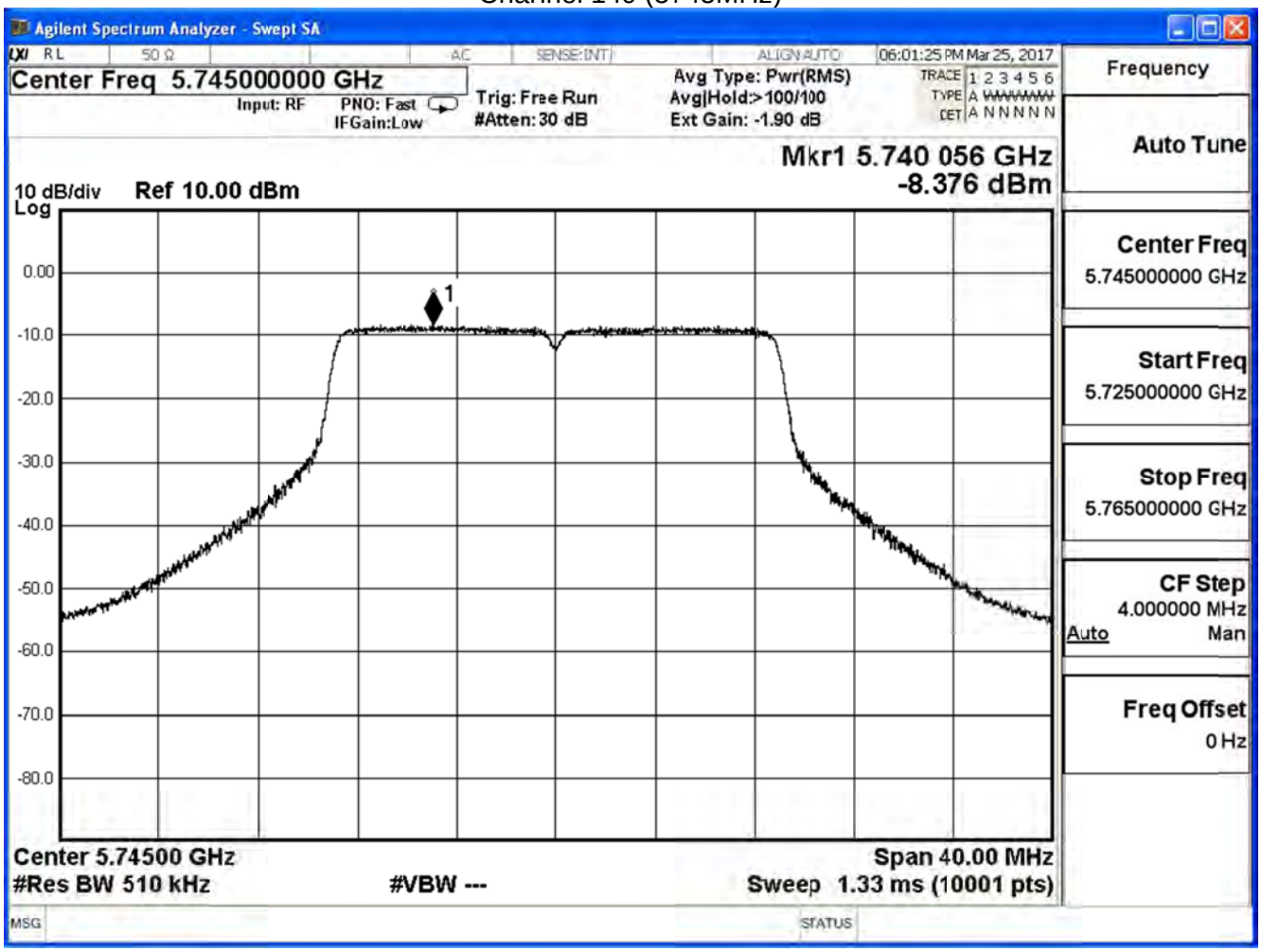
Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 5)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
149	5745	-8.376	≦26.22	Pass
157	5785	-10.533	≦26.22	Pass
165	5825	-11.903	≦26.22	Pass

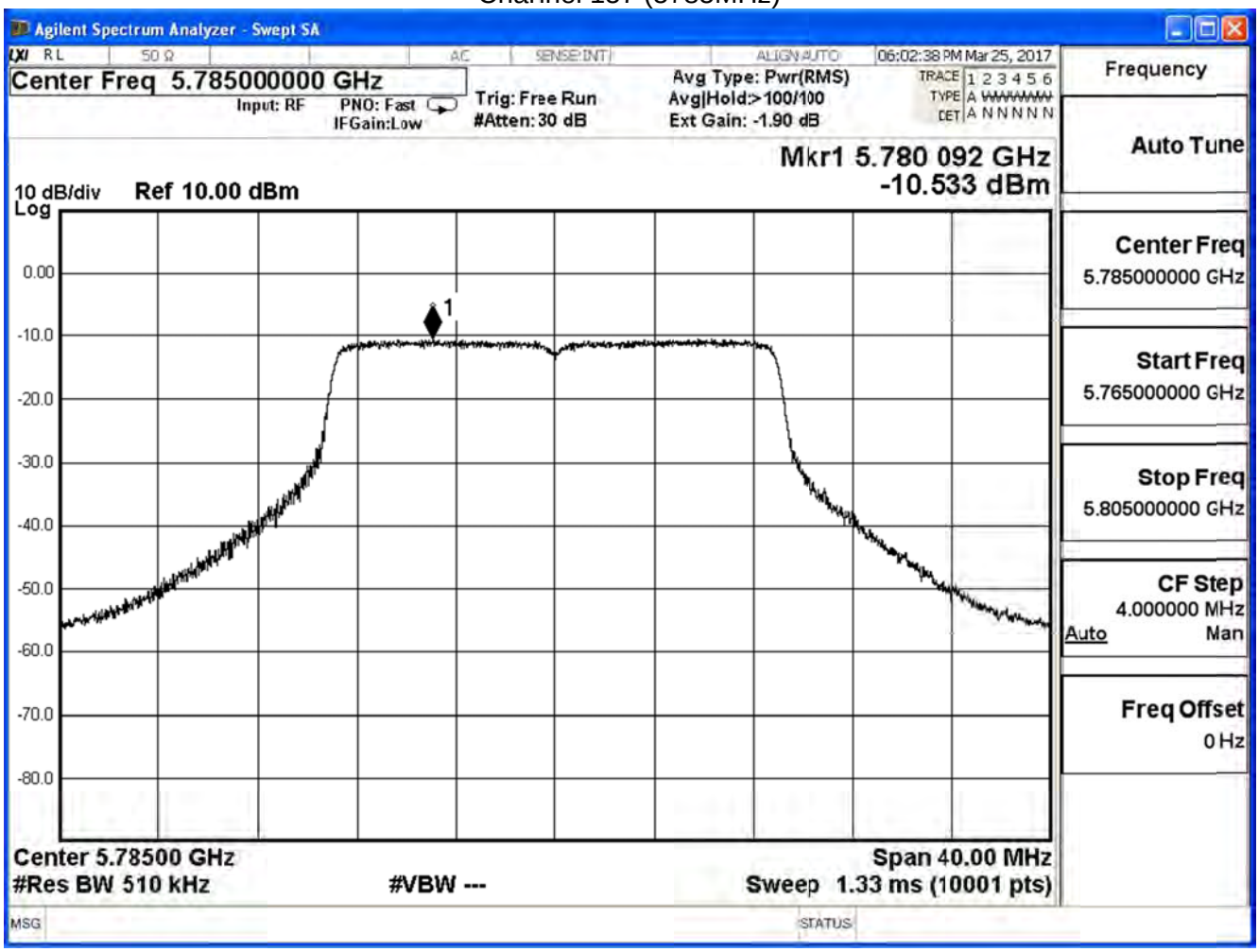
Note:

Directional gain=10log(ANT N)+Gain=7.78+2=9.78
Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

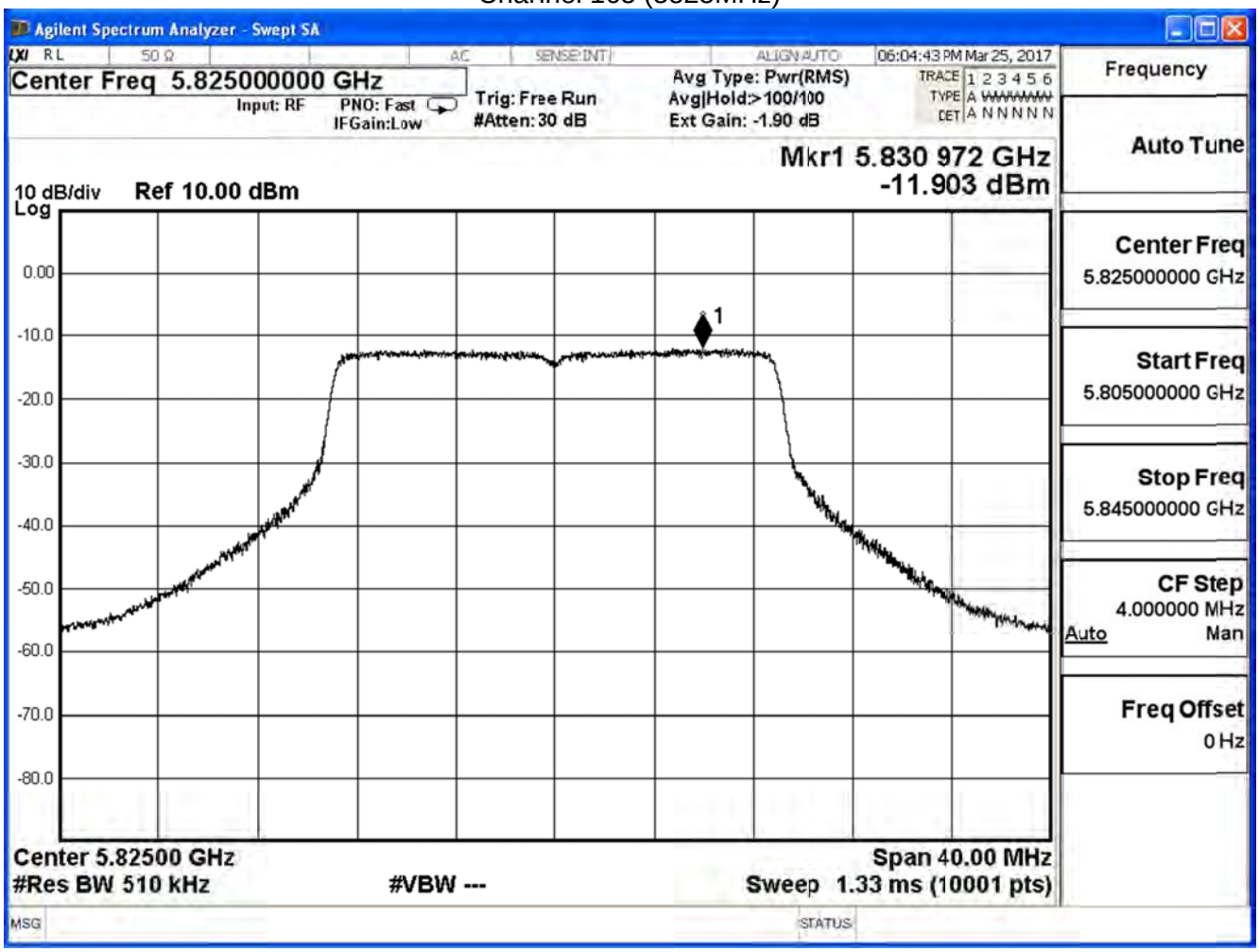
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11n(20MHz) (ANT 0+1+2+3+4+5)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	1.253	≦26.22	Pass
157	5785	-0.630	≦26.22	Pass
165	5825	-2.172	≦26.22	Pass

Note:

Directional gain=10log(ANT N)+Gain=7.78+2=9.78
Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

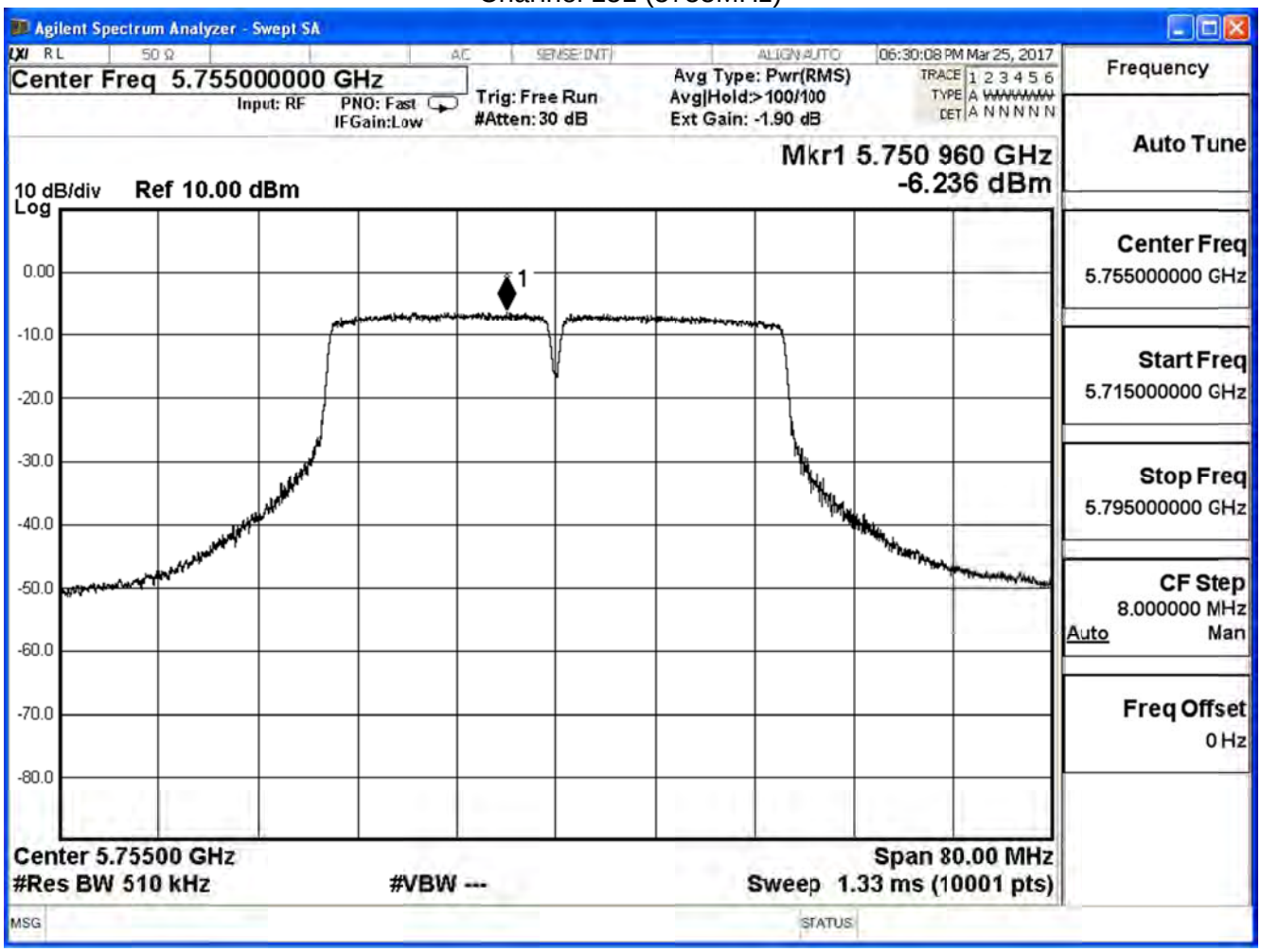
Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11n(40MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-6.236	≦26.22	Pass
159	5795	-10.531	≦26.22	Pass

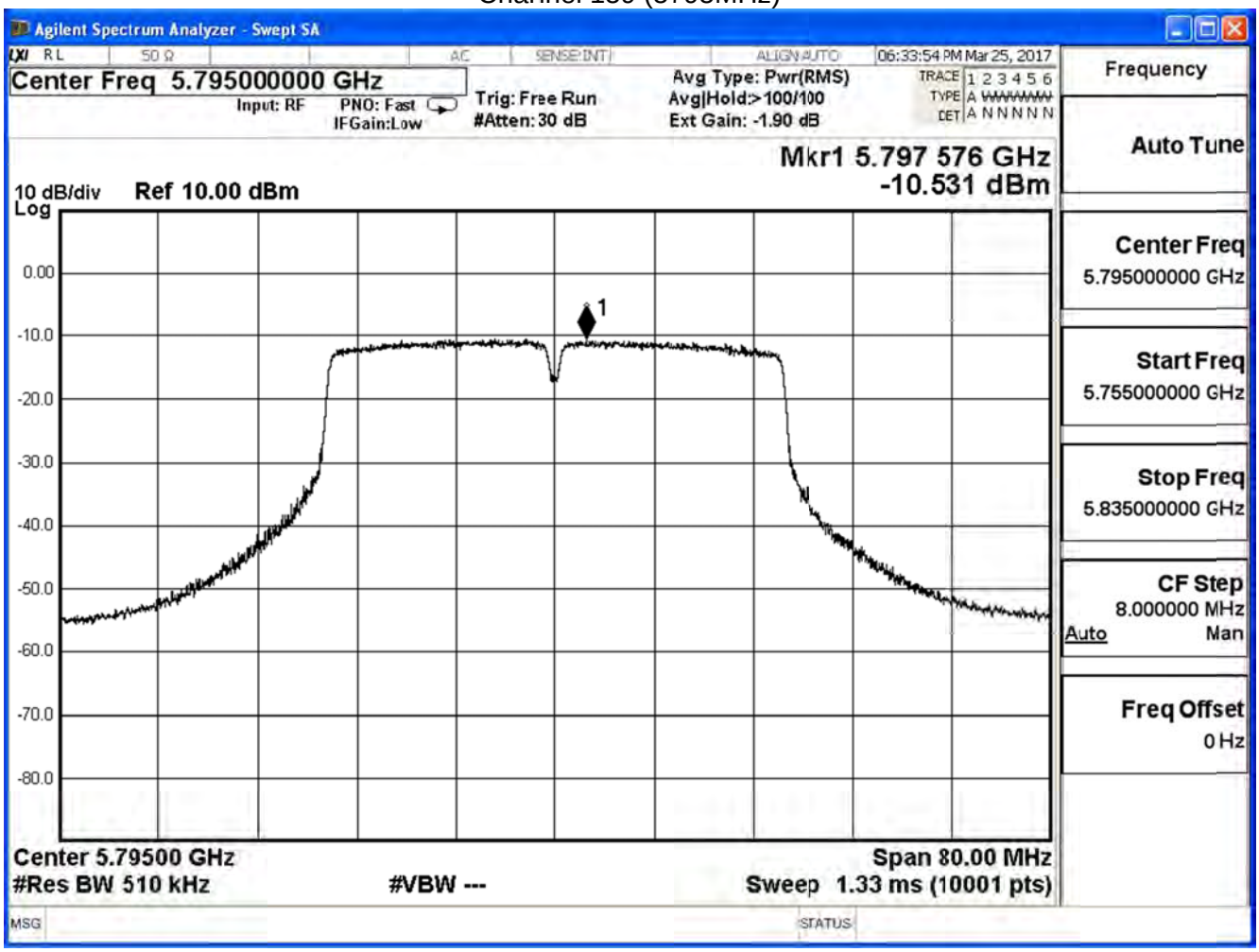
Note:

Directional gain=10log(ANT N)+Gain=7.78+2=9.78
Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

Channel 151 (5755MHz)



Channel 159 (5795MHz)



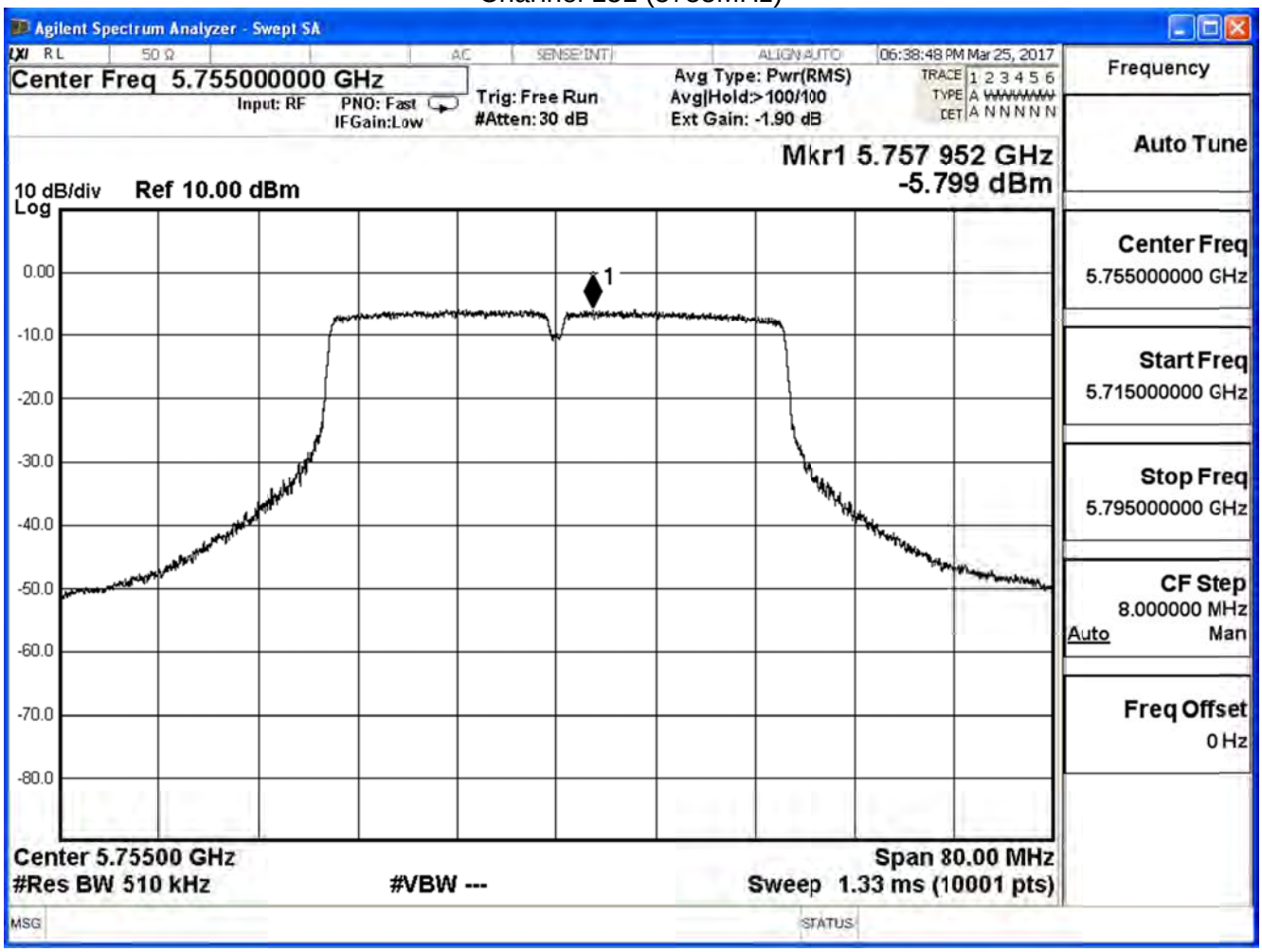
Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 1)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
151	5755	-5.799	≦26.22	Pass
159	5795	-10.727	≦26.22	Pass

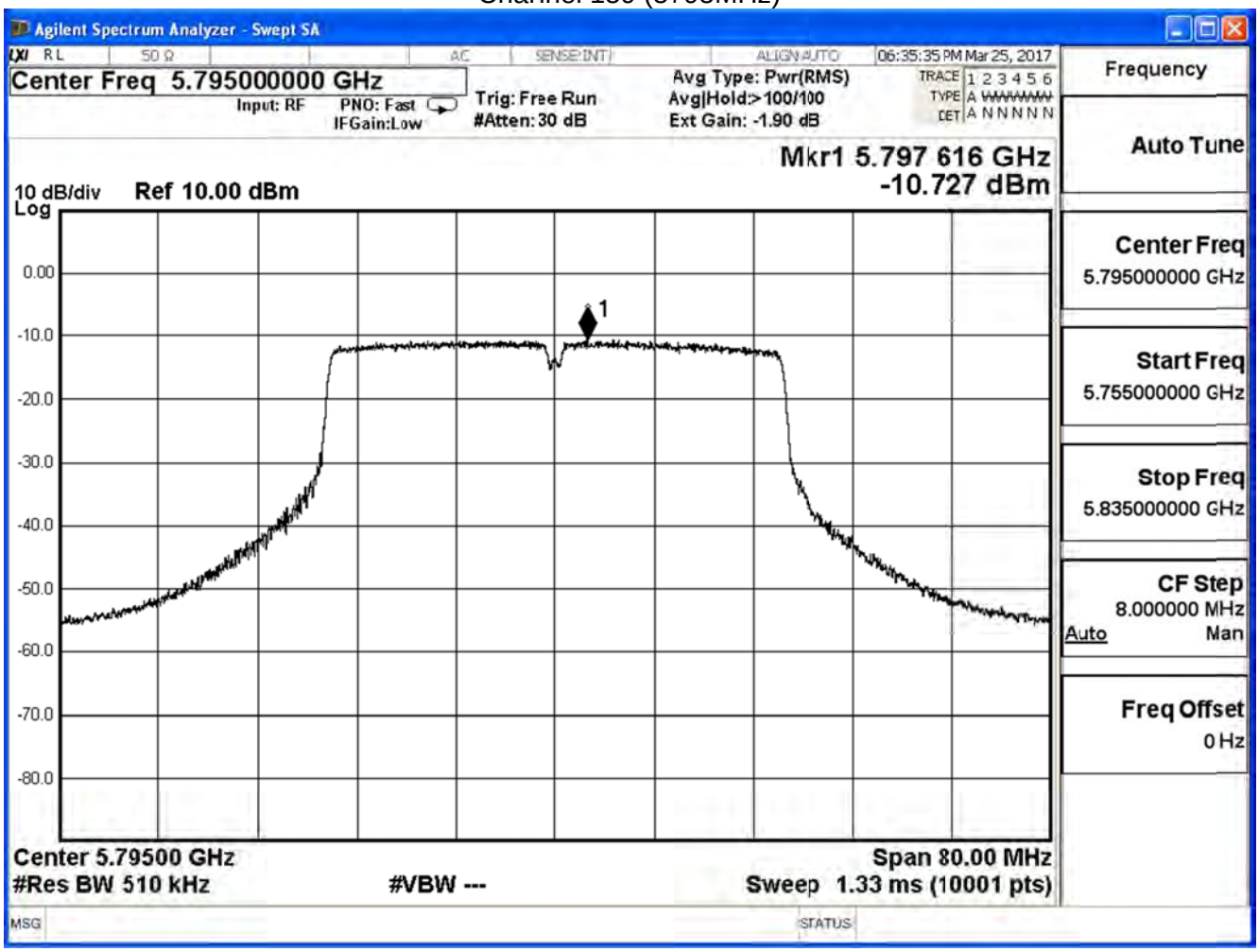
Note:

Directional gain=10log(ANT N)+Gain=7.78+2=9.78
Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

Channel 151 (5755MHz)



Channel 159 (5795MHz)



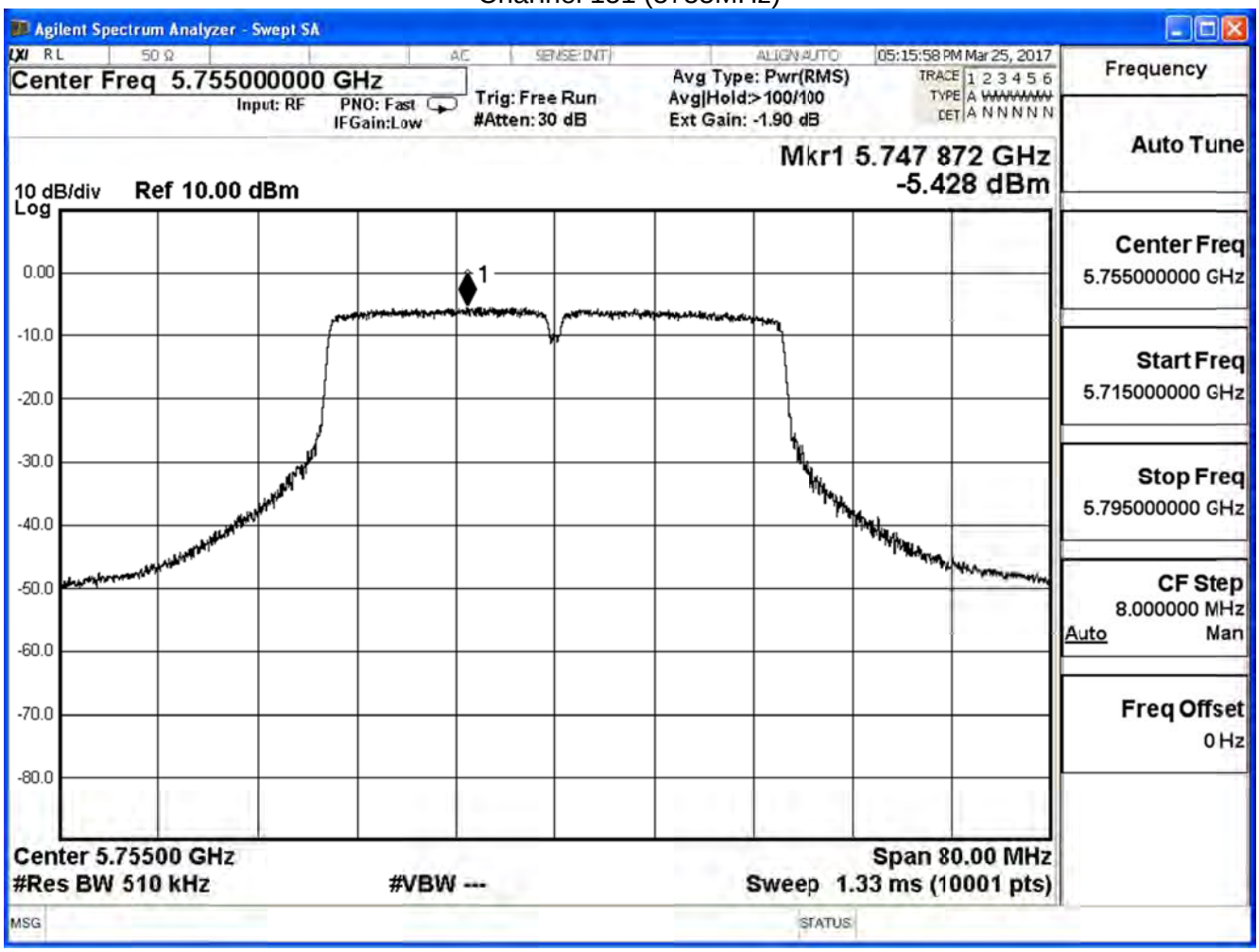
Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 2)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
151	5755	-5.428	≦26.22	Pass
159	5795	-10.549	≦26.22	Pass

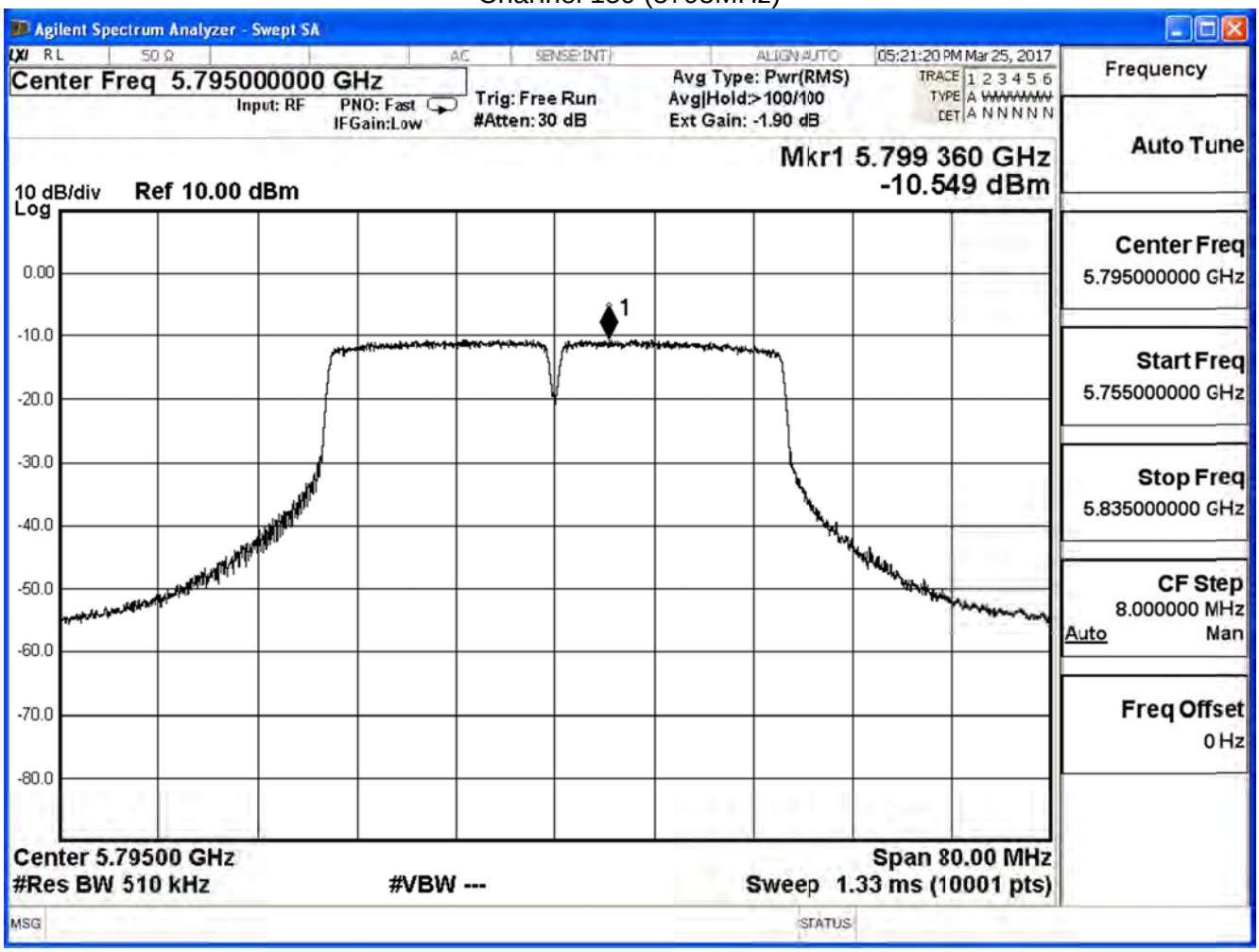
Note:

Directional gain=10log(ANT N)+Gain=7.78+2=9.78
Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

Channel 151 (5755MHz)



Channel 159 (5795MHz)



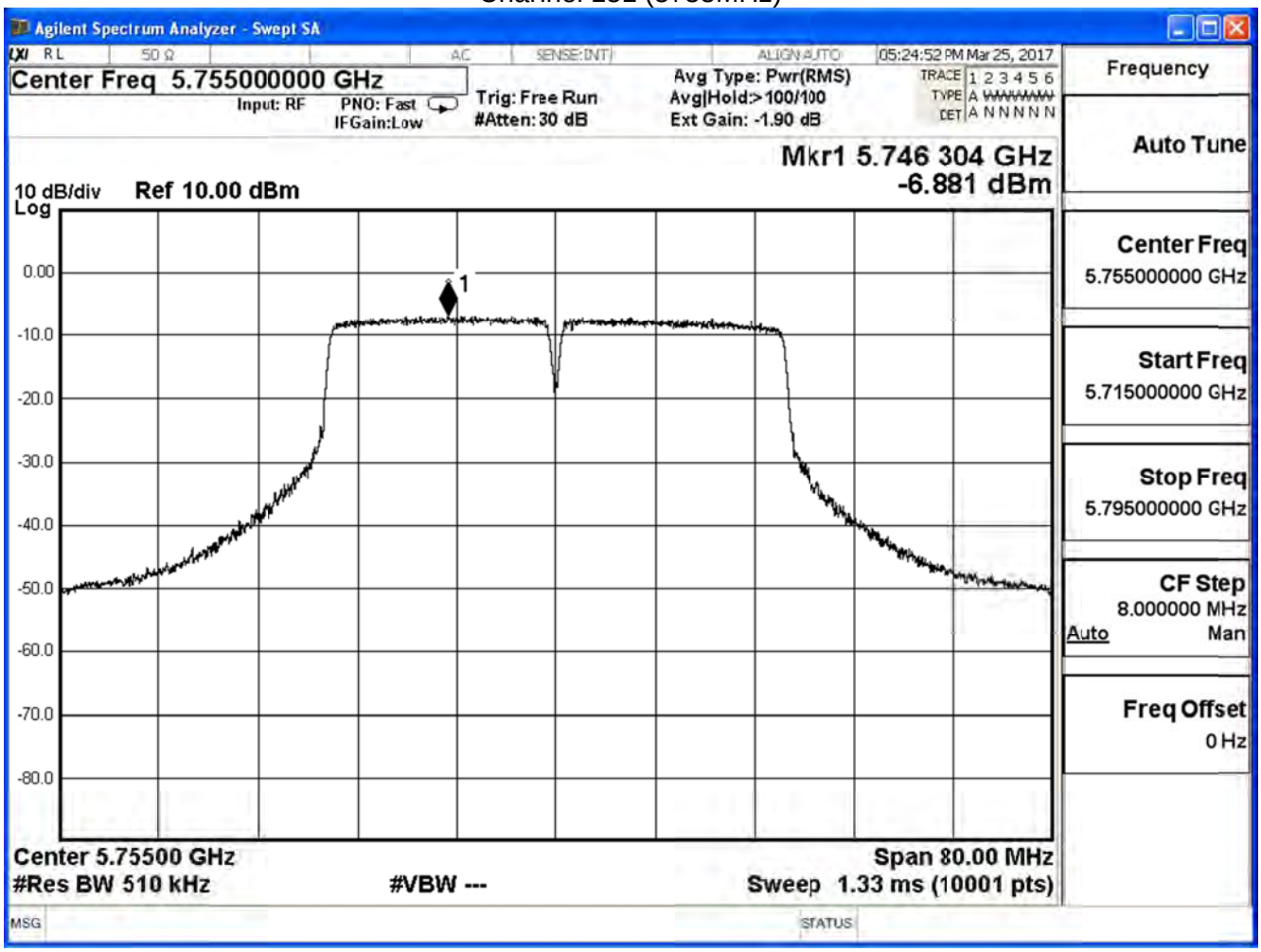
Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 3)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
151	5755	-6.881	≦26.22	Pass
159	5795	-10.258	≦26.22	Pass

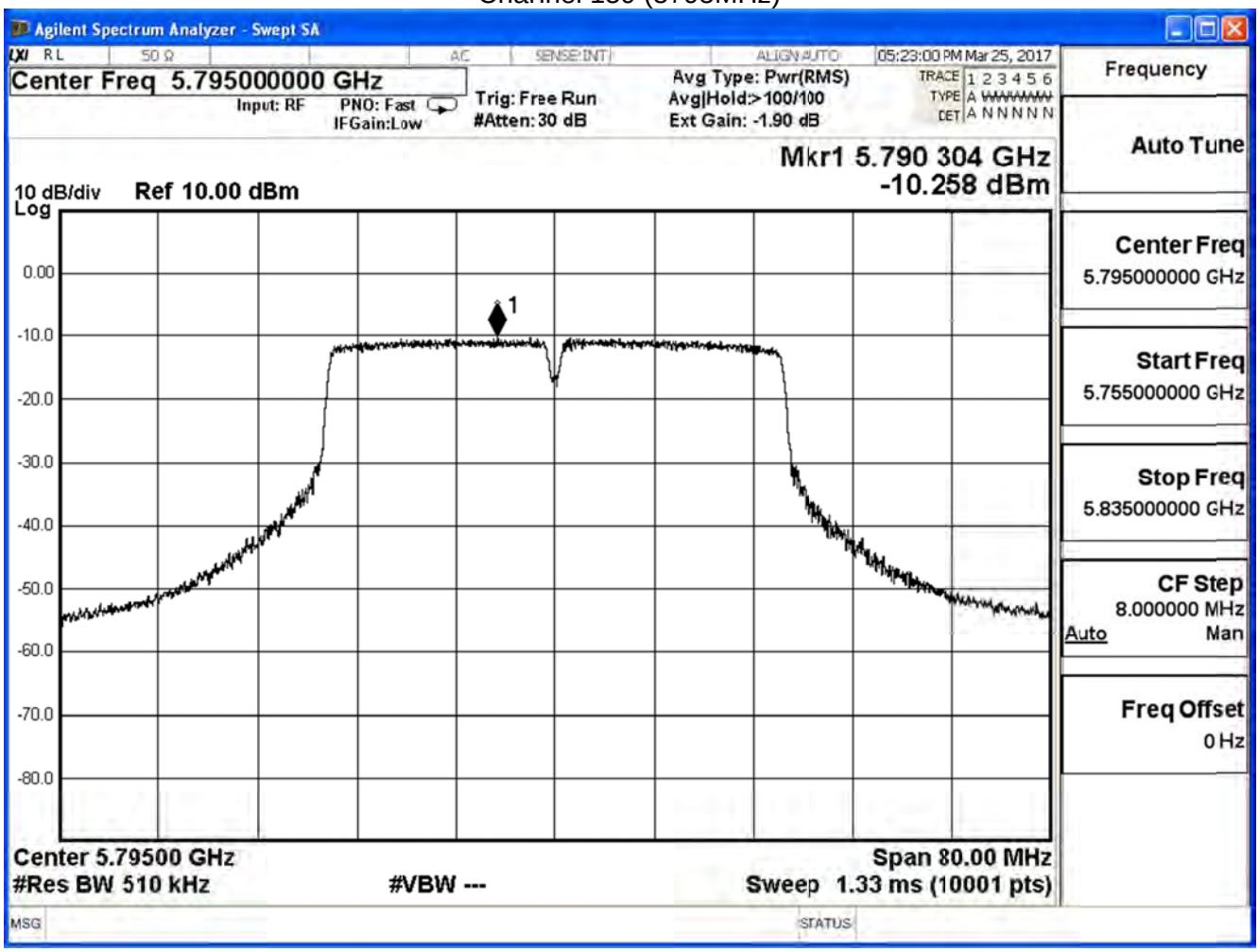
Note:

Directional gain=10log(ANT N)+Gain=7.78+2=9.78
Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

Channel 151 (5755MHz)



Channel 159 (5795MHz)



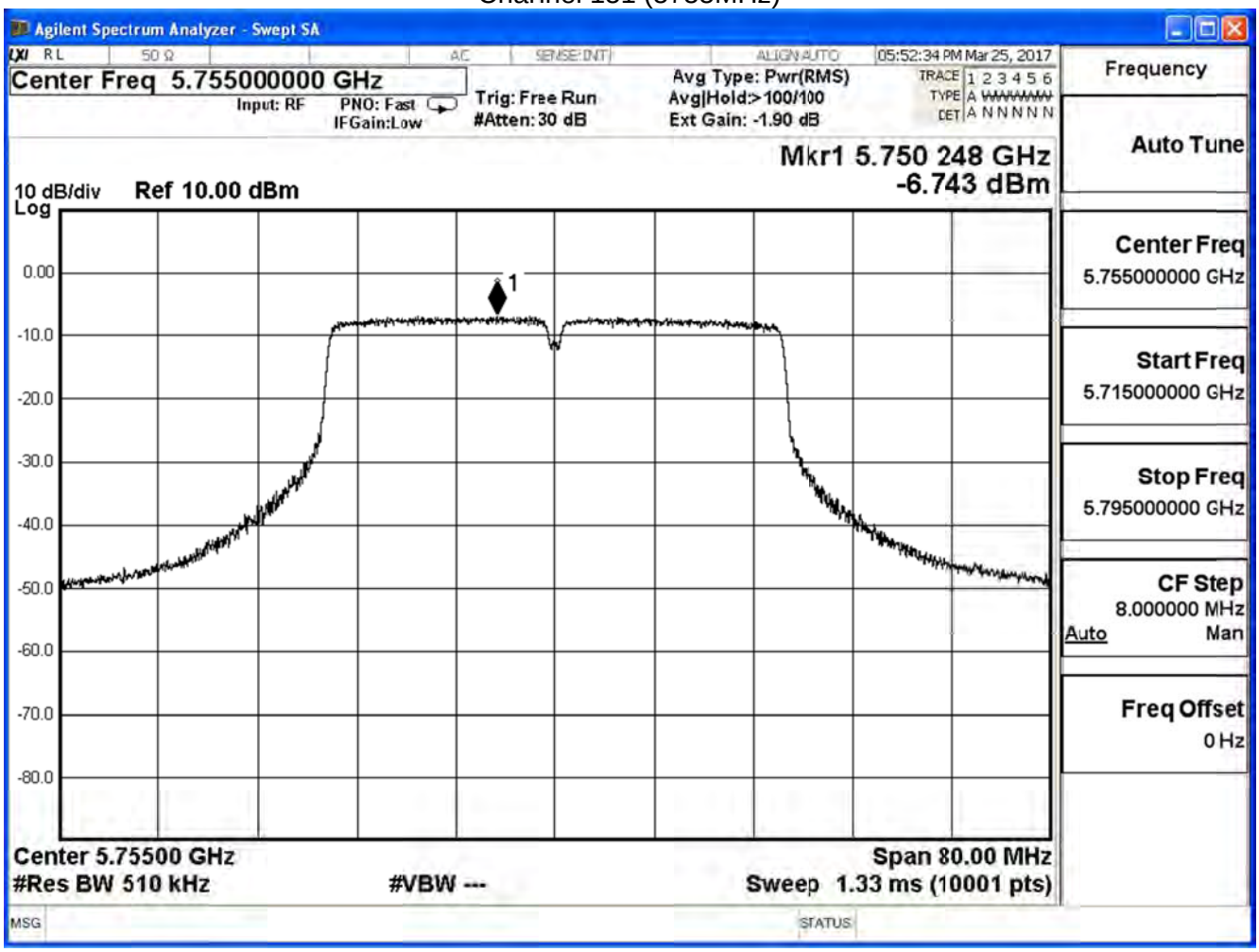
Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 4)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
151	5755	-6.743	≦26.22	Pass
159	5795	-9.636	≦26.22	Pass

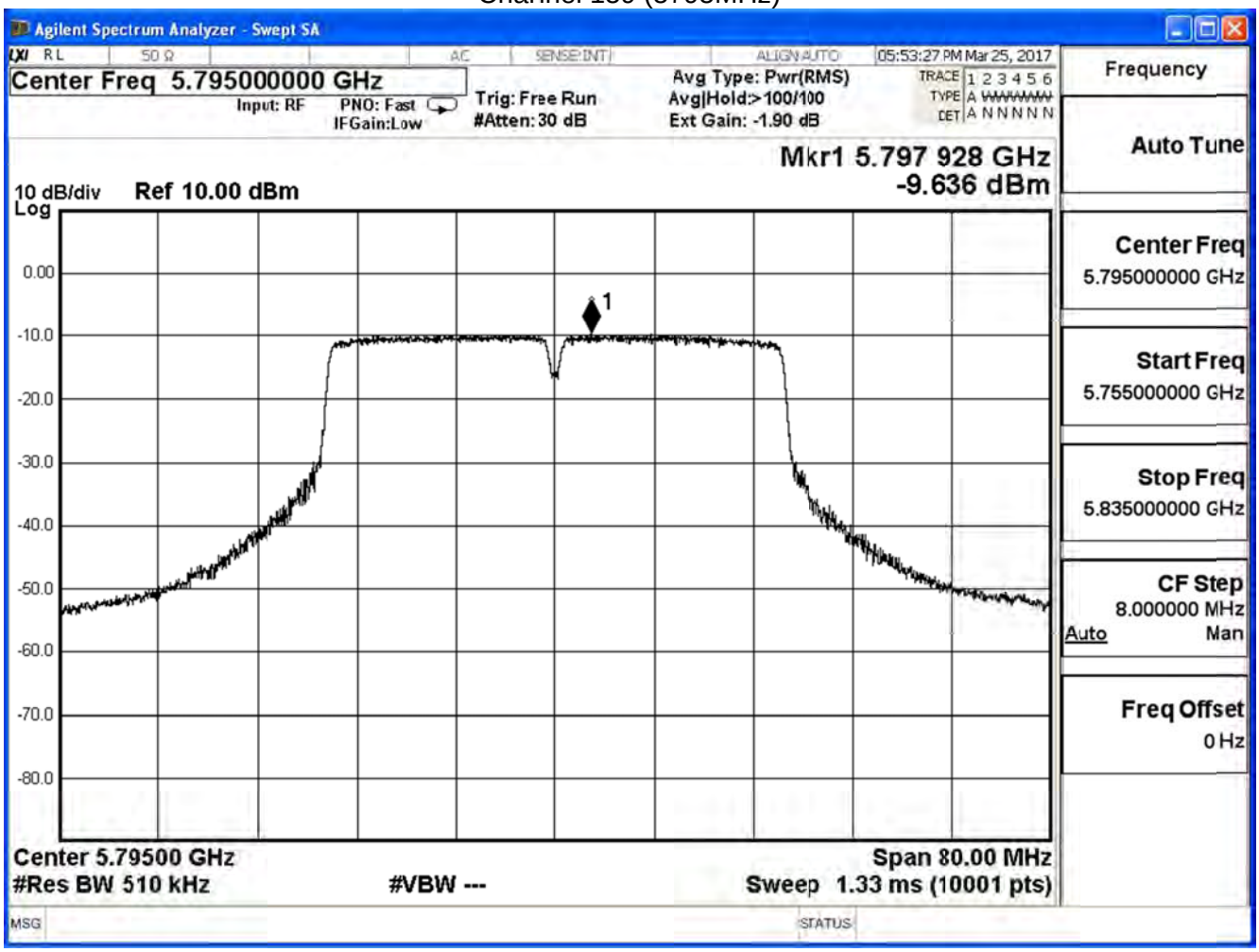
Note:

Directional gain=10log(ANT N)+Gain=7.78+2=9.78
Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

Channel 151 (5755MHz)



Channel 159 (5795MHz)



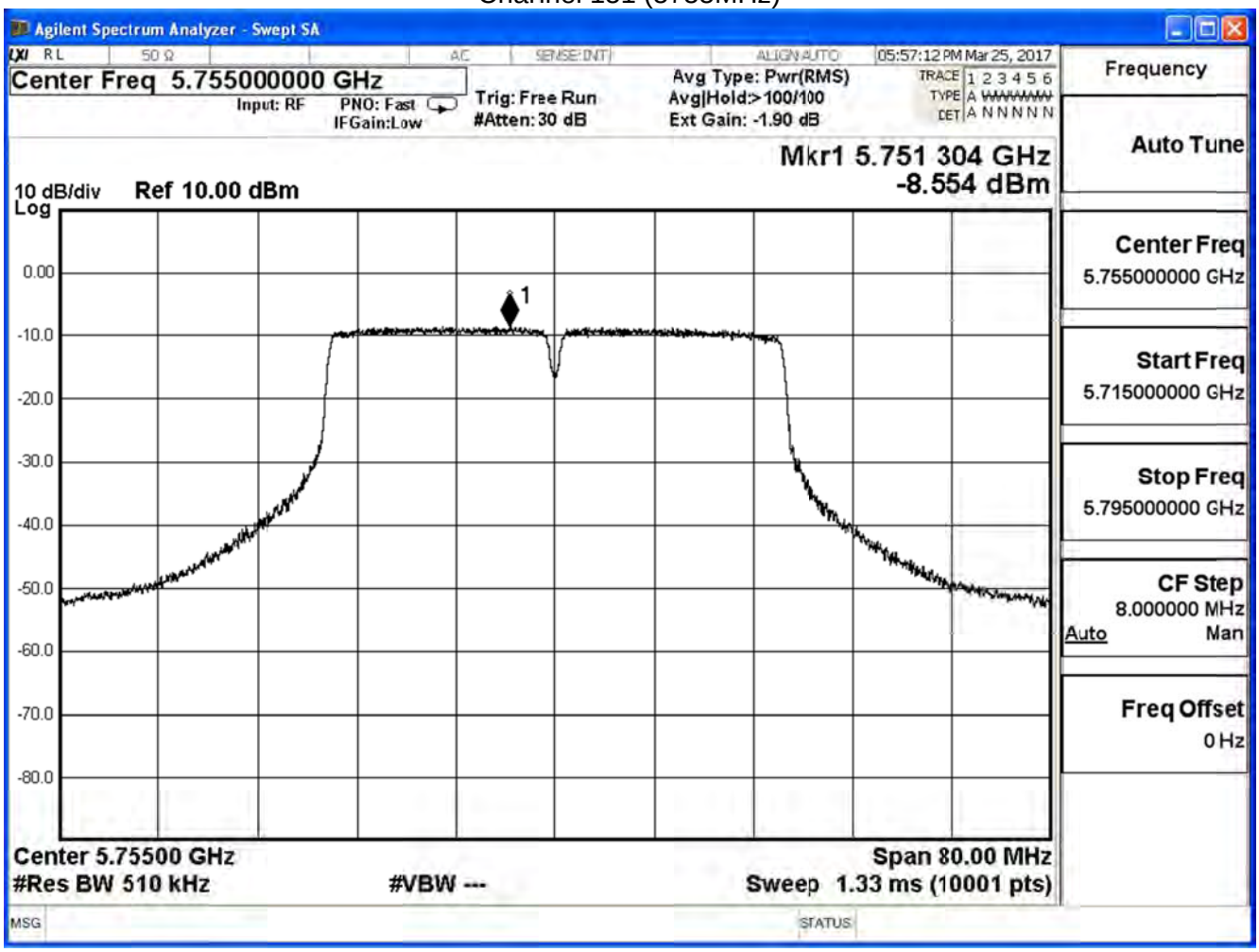
Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 5)				
Channel No.	Frequency (MHz)	Measurement (dBm)	Limit (dBm)	Result
151	5755	-8.554	≦26.22	Pass
159	5795	-11.649	≦26.22	Pass

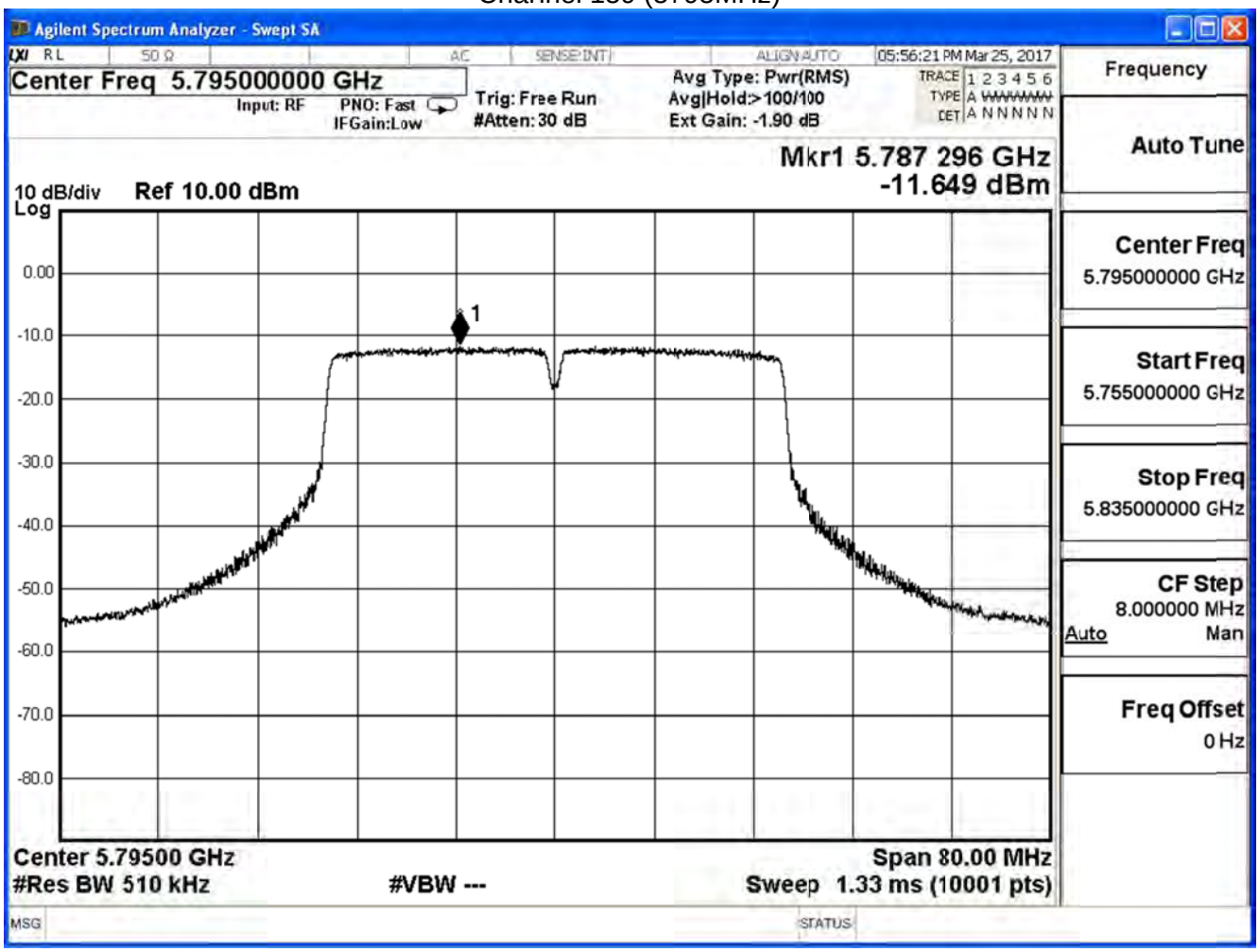
Note:

Directional gain=10log(ANT N)+Gain=7.78+2=9.78
Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

Channel 151 (5755MHz)



Channel 159 (5795MHz)



Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/25	Test Site	SR10-H

IEEE 802.11n(40MHz) (ANT 0+1+2+3+4+5)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	1.283	≦26.22	Pass
159	5795	-2.736	≦26.22	Pass

Note:

Directional gain=10log(ANT N)+Gain=7.78+2=9.78
Limit =30dBm-(9.78dBi-6dBi)=26.22dBm

6. Radiated Emission

6.1. Test Equipment

The following test equipments are used during the radiated emission test:

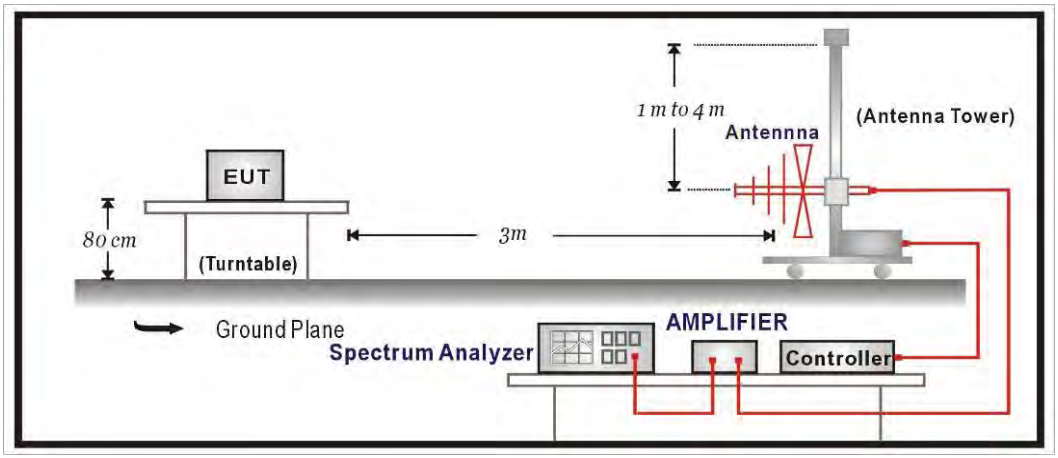
Radiated Emission / CB4-H, CB2-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Bilog Antenna	Schaffner	CBL6112B	2891	2017/08/14
Horn Antenna	Schwarzbeck	BBHA 9120	D312	2017/10/25
Pre-Amplifier	EMCI	EMC0031835	980233	2018/02/02
Pre-Amplifier	Schwarzbeck	DBL-1840N506	013	2017/09/29
Pre-Amplifier	Miteq	JS41-001040000-58-5P	1573954	2017/10/04
Horn Antenna	Schwarzbeck	BBHA 9170	203	2017/08/28
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/22

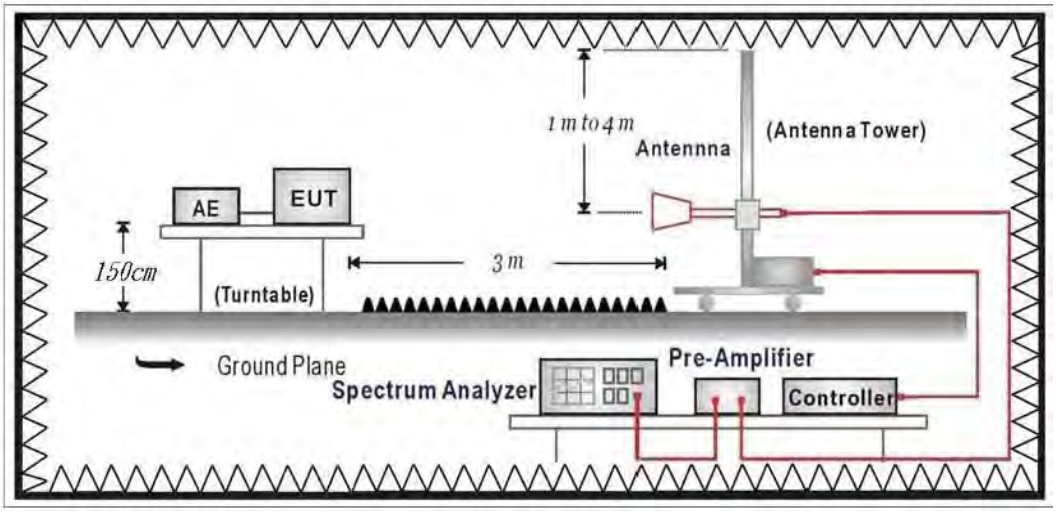
Note: All equipments that need to calibrate are with calibration period of 1 year.

6.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



6.3. Limits

➢ General Radiated Emission Limits

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section. Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	uV/m @3m	dBuV/m@3m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

Remark:

1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

➢ Unwanted Emission out of the restricted bands Limits

FCC Part 15 Subpart E Paragraph 15.407(b) Limits		
Frequency (MHz)	EIRP Limit (dBm)	Equivalent Field Strength (dBuV/m@3m)
5150~5250	-27	68.3
5250~5350	-27	68.3
5470~5725	-27	68.3
5725~5850	-27 (Note1)	68.3
	-17 (Note2)	78.3

Remark:

1. For frequencies more than 10 MHz above or below the band edges.
2. For frequency range from the band edges to 10 MHz above or below the band edges.
3. uV/m = $\frac{1000000\sqrt{30 \times EIRP}}{3}$, RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

6.4. Test Procedure

The EUT and its simulators are placed on a turn table which is 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.
The additional latch filter below 1GHz was used to measure the level of harmonics radiated emission during field dtrength of harmonics measurement.
The bandwidth below 1GHz setting on the field strength meter is 120 KHz, above 1GHz are 1 MHz.
The frequency range from 30MHz to 10th harminics is checked.

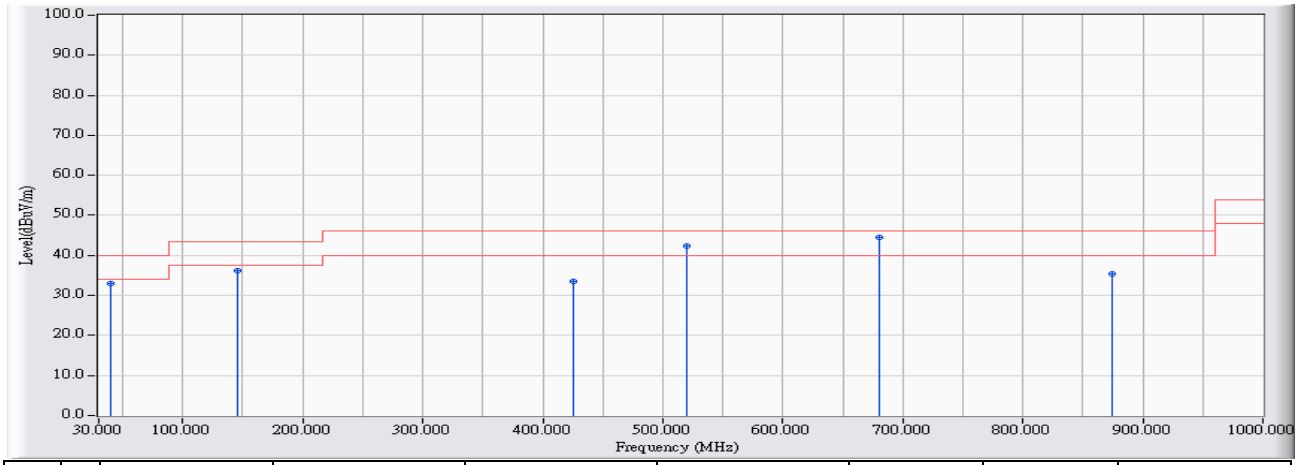
6.5. Uncertainty

The measurement uncertainty
30MHz～1GHz as ±3.43dB
1GHz～26.5Ghz as ±3.65dB

6.6. Test Result

30MHz-1GHz Spurious

Site : CB2-H	**Time : 2017/03/21**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB2_FCC_EFS_S2_30M-1GHz_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5785MHz**

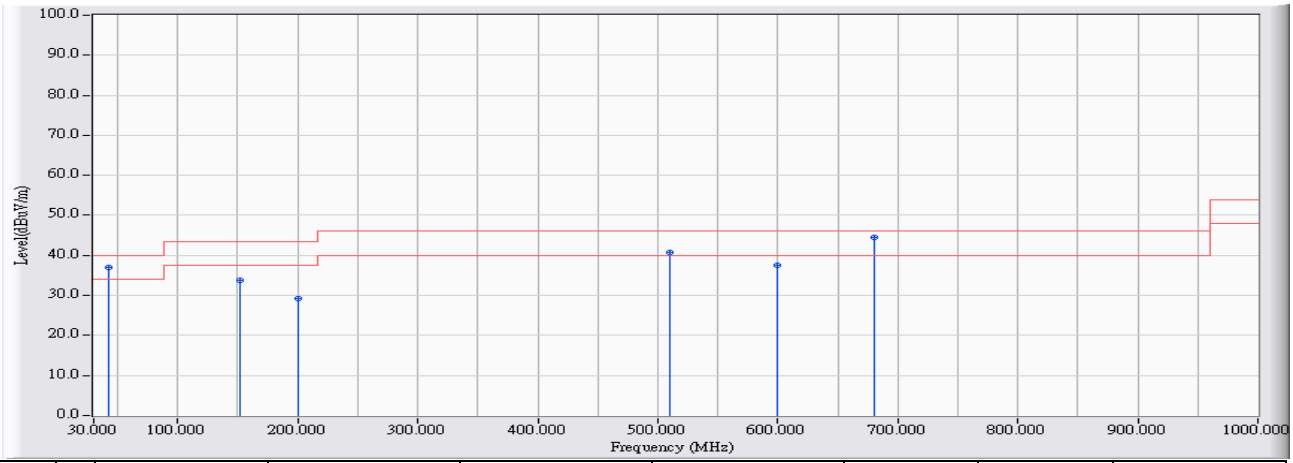


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		39.505	-12.294	45.217	32.923	-7.077	40.000	QUASIPEAK
2		145.224	-20.413	56.624	36.212	-7.288	43.500	QUASIPEAK
3		424.945	-15.714	49.308	33.594	-12.406	46.000	QUASIPEAK
4		519.995	-14.303	56.691	42.388	-3.612	46.000	QUASIPEAK
5	*	679.932	-12.745	57.313	44.567	-1.433	46.000	QUASIPEAK
6		874.980	-10.756	46.058	35.302	-10.698	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB2-H	**Time : 2017/03/21**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB2_FCC_EFS_S2_30M-1GHz_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5785MHz**

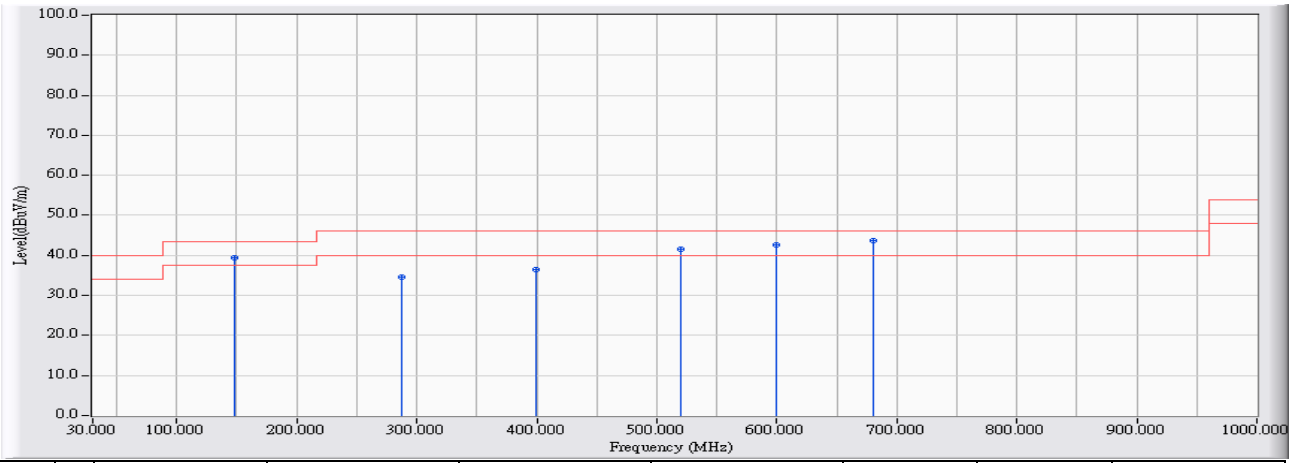


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		42.900	-15.960	52.840	36.880	-3.120	40.000	QUASIPEAK
2		151.626	-20.865	54.590	33.725	-9.775	43.500	QUASIPEAK
3		200.024	-22.365	51.656	29.292	-14.208	43.500	QUASIPEAK
4		510.005	-14.407	55.026	40.619	-5.381	46.000	QUASIPEAK
5		599.915	-13.424	50.861	37.436	-8.564	46.000	QUASIPEAK
6	*	679.932	-12.745	57.295	44.549	-1.451	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB2-H	**Time : 2017/03/21**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB2_FCC_EFS_S2_30M-1GHz_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5785MHz**

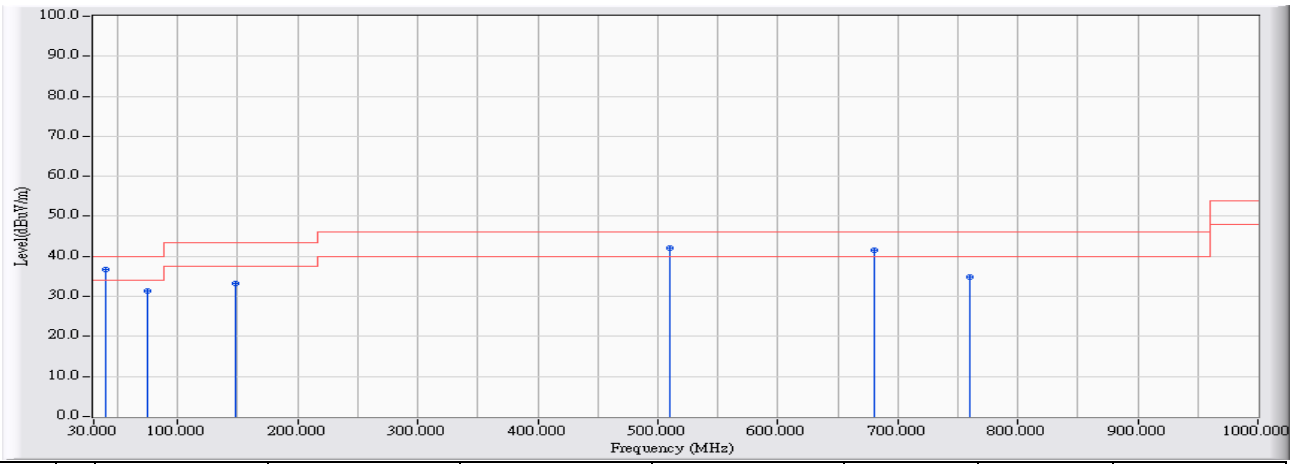


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		148.134	-20.621	60.115	39.494	-4.006	43.500	QUASIPEAK
2		287.994	-19.249	53.723	34.474	-11.526	46.000	QUASIPEAK
3		399.921	-16.108	52.574	36.466	-9.534	46.000	QUASIPEAK
4		519.995	-14.303	55.886	41.583	-4.417	46.000	QUASIPEAK
5		599.915	-13.424	56.139	42.714	-3.286	46.000	QUASIPEAK
6	*	679.932	-12.745	56.524	43.778	-2.222	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB2-H	**Time : 2017/03/21**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB2_FCC_EFS_S2_30M-1GHz_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5785MHz**

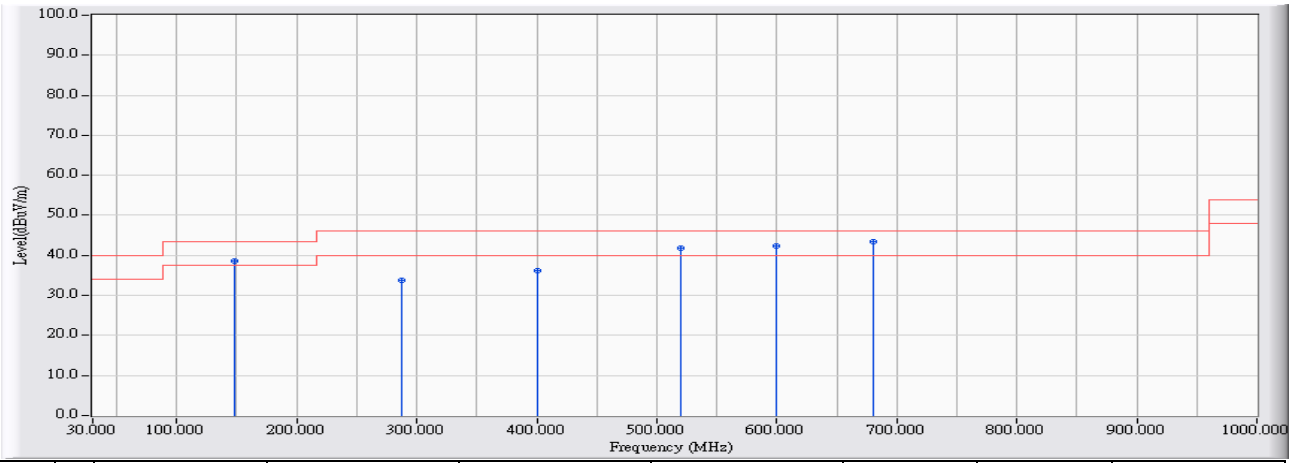


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	39.602	-12.289	49.070	36.781	-3.219	40.000	QUASIPEAK
2		74.519	-24.679	56.118	31.439	-8.561	40.000	QUASIPEAK
3		148.037	-20.614	53.757	33.143	-10.357	43.500	QUASIPEAK
4		509.908	-14.408	56.400	41.992	-4.008	46.000	QUASIPEAK
5		679.932	-12.745	54.317	41.571	-4.429	46.000	QUASIPEAK
6		759.949	-11.880	46.698	34.817	-11.183	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB2-H	**Time : 2017/03/21**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB2_FCC_EFS_S2_30M-1GHz_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(40M)_5755MHz**

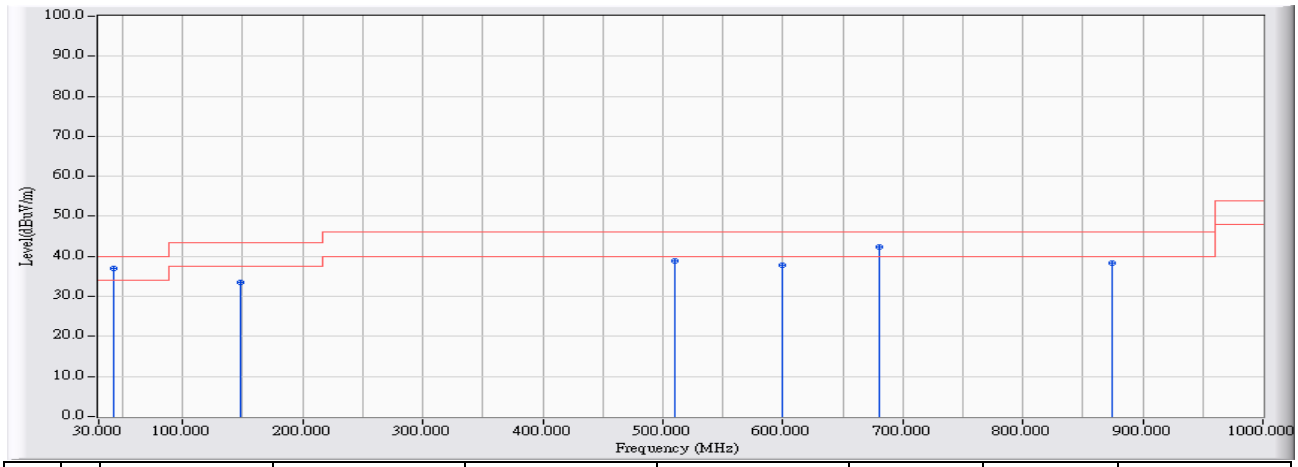


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		148.134	-20.621	59.333	38.712	-4.788	43.500	QUASIPEAK
2		287.994	-19.249	53.112	33.863	-12.137	46.000	QUASIPEAK
3		400.018	-16.106	52.318	36.212	-9.788	46.000	QUASIPEAK
4		519.995	-14.303	56.108	41.805	-4.195	46.000	QUASIPEAK
5		599.915	-13.424	55.864	42.439	-3.561	46.000	QUASIPEAK
6	*	679.932	-12.745	56.060	43.314	-2.686	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB2-H	**Time : 2017/03/21**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB2_FCC_EFS_S2_30M-1GHz_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(40M)_5755MHz**



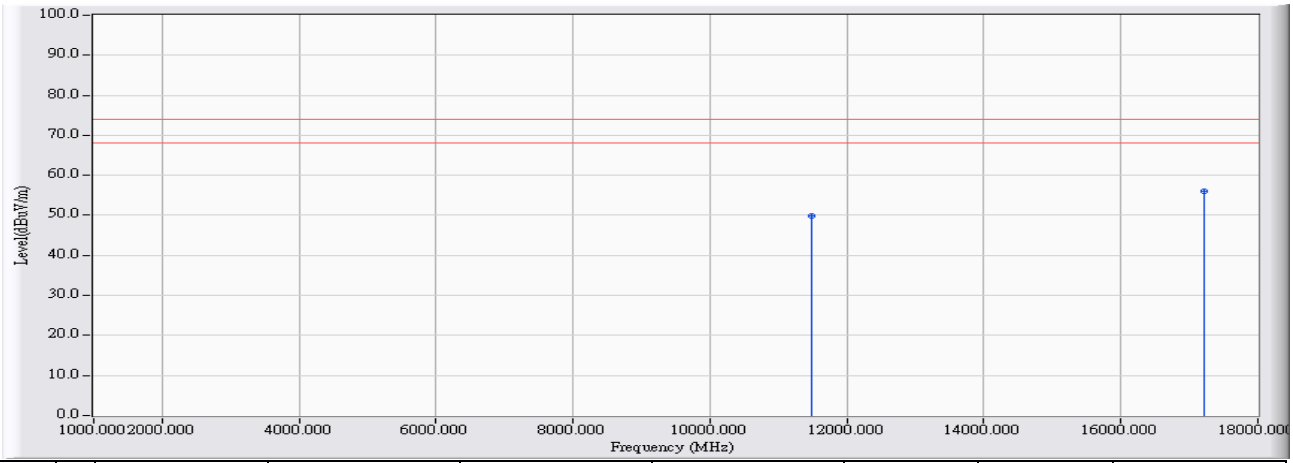
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	42.900	-15.960	52.881	36.921	-3.079	40.000	QUASIPEAK
2		148.134	-20.621	54.246	33.625	-9.875	43.500	QUASIPEAK
3		510.005	-14.407	53.174	38.767	-7.233	46.000	QUASIPEAK
4		599.915	-13.424	51.209	37.784	-8.216	46.000	QUASIPEAK
5		679.932	-12.745	55.038	42.292	-3.708	46.000	QUASIPEAK
6		874.980	-10.756	48.962	38.206	-7.794	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Harmonic & Spurious:

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5745MHz**

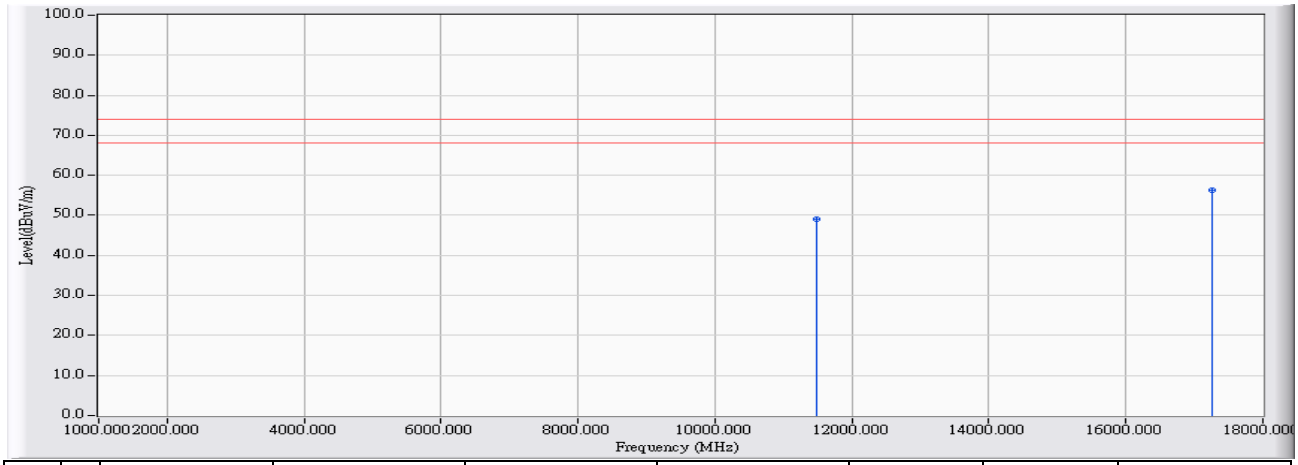


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11485.000	16.778	33.020	49.798	-24.202	74.000	PEAK
2	*	17218.000	22.240	33.840	56.081	-17.919	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5745MHz**

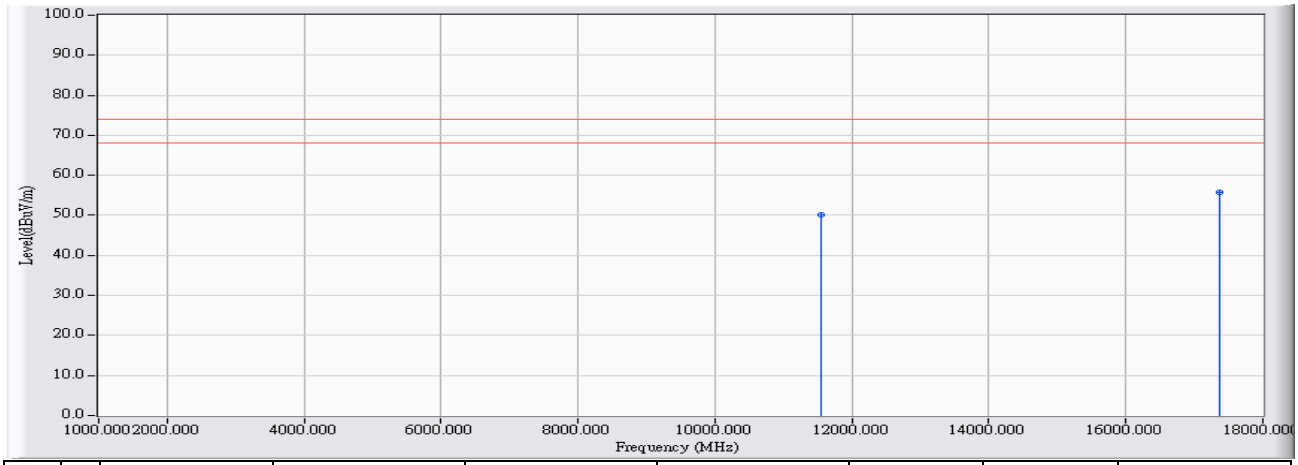


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11491.000	16.790	32.340	49.130	-24.870	74.000	PEAK
2	*	17253.000	22.180	34.010	56.190	-17.810	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5785MHz**

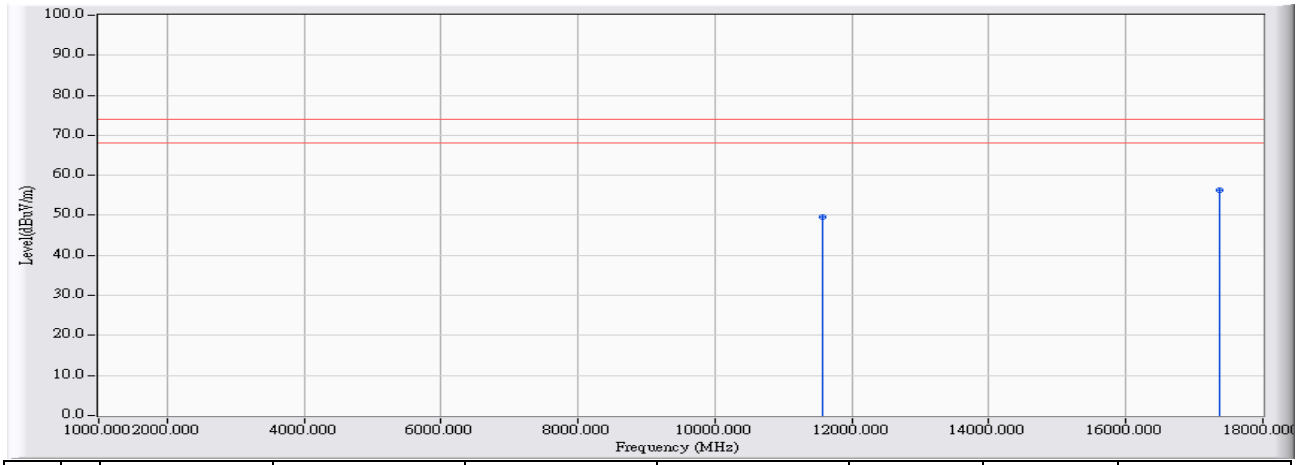


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11554.000	16.845	33.190	50.035	-23.965	74.000	PEAK
2	*	17358.000	21.997	33.640	55.637	-18.363	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5785MHz**

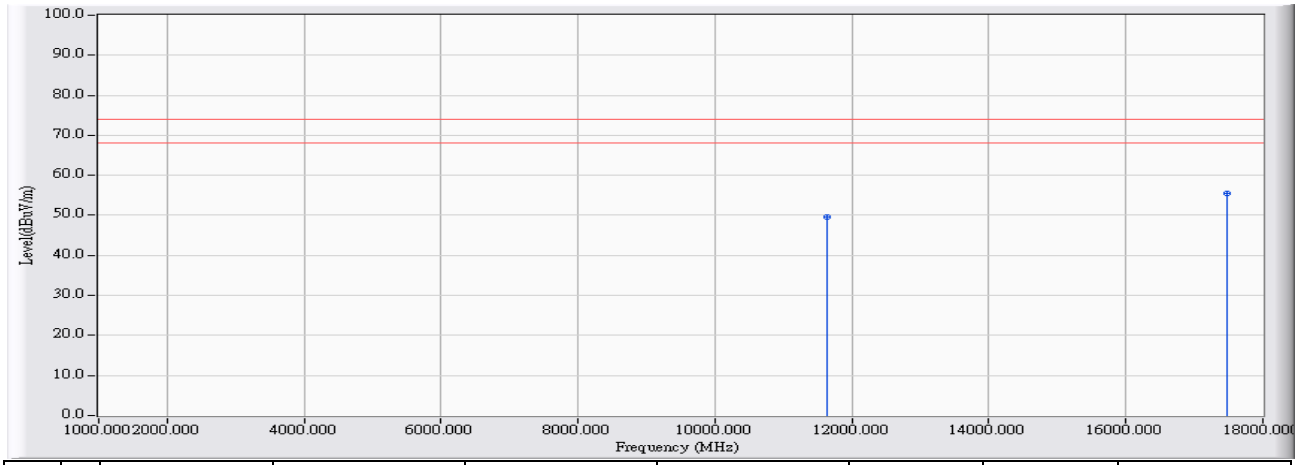


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11571.000	16.855	32.730	49.585	-24.415	74.000	PEAK
2	*	17372.000	21.973	34.260	56.233	-17.767	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5825MHz**

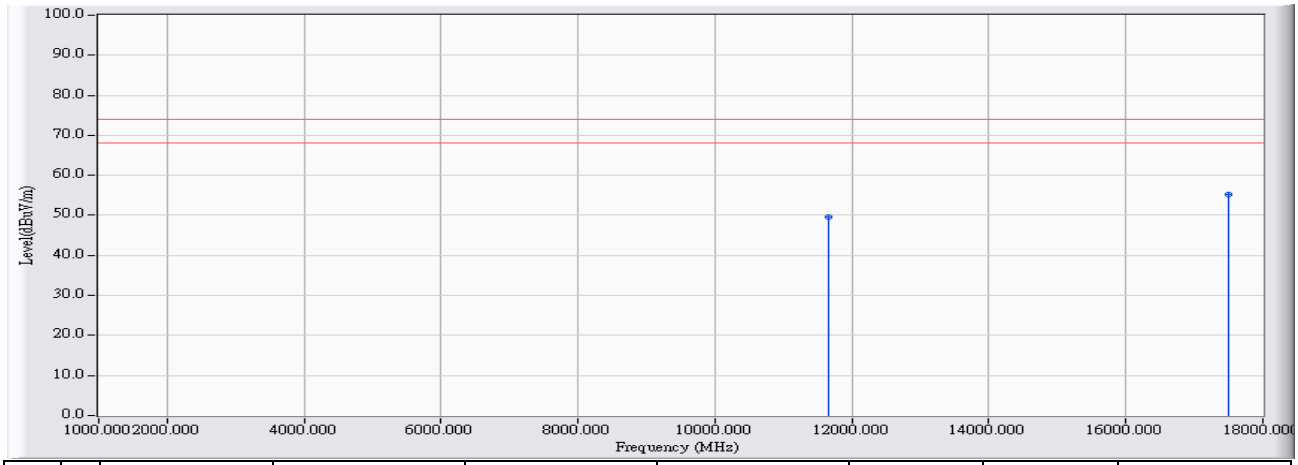


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11635.000	16.903	32.800	49.703	-24.297	74.000	PEAK
2	*	17480.000	21.793	33.660	55.453	-18.547	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5825MHz**

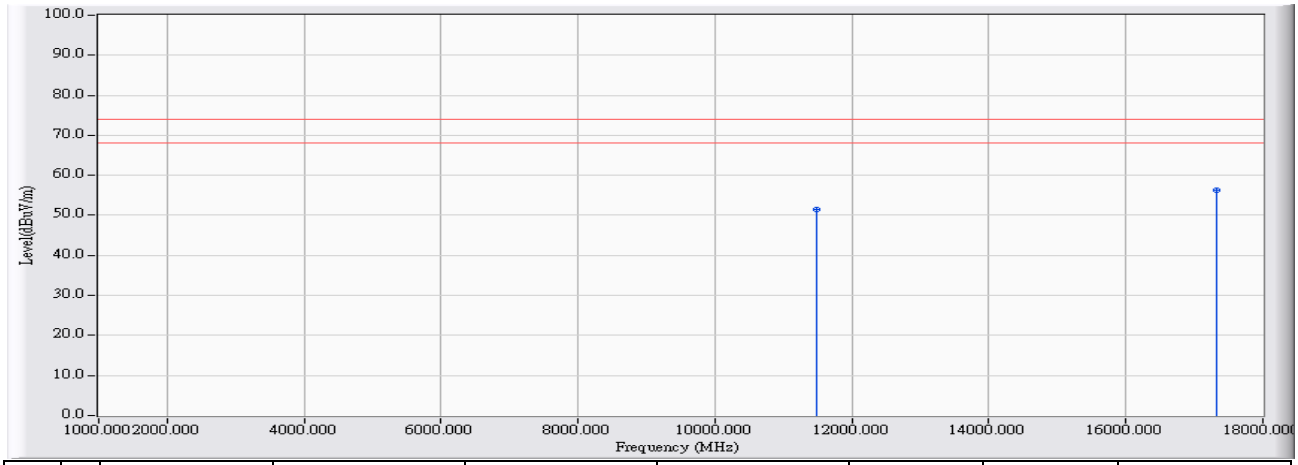


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11663.000	16.927	32.660	49.587	-24.413	74.000	PEAK
2	*	17490.000	21.776	33.570	55.346	-18.654	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5745MHz**

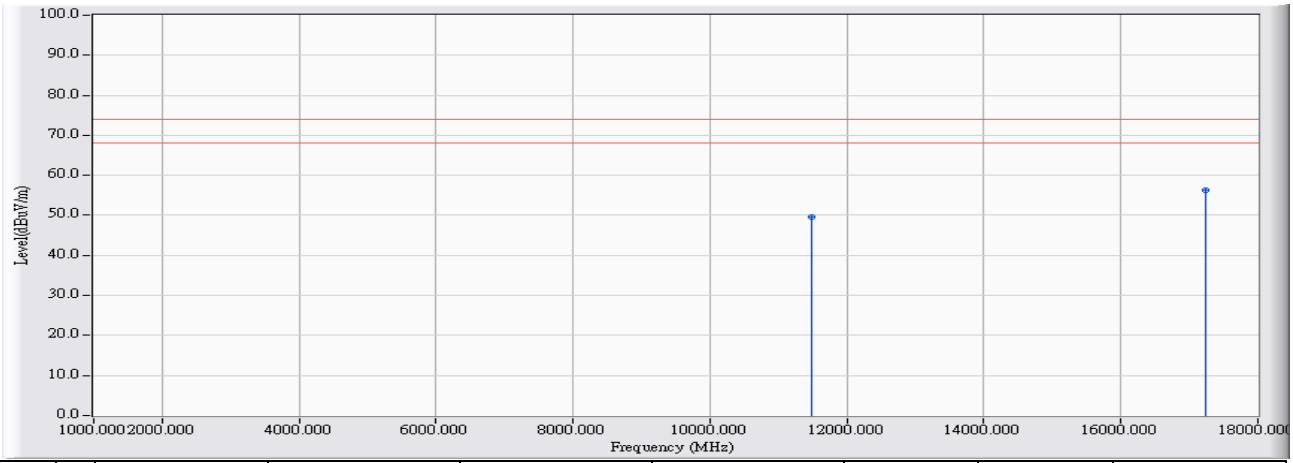


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11482.000	16.771	34.590	51.362	-22.638	74.000	PEAK
2	*	17323.000	22.058	34.170	56.228	-17.772	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5745MHz**

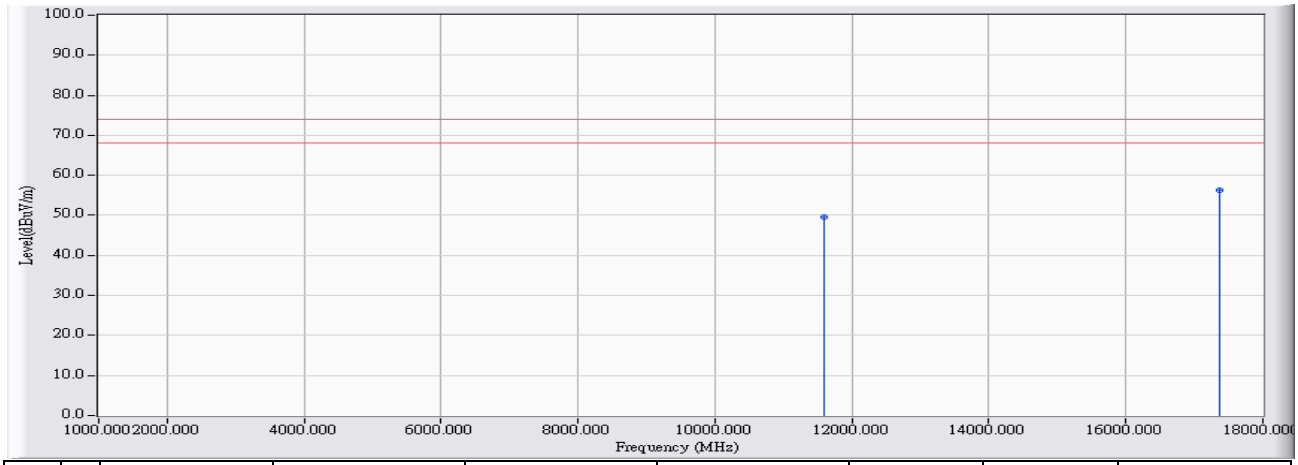


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11490.000	16.789	32.890	49.678	-24.322	74.000	PEAK
2	*	17239.000	22.204	34.200	56.404	-17.596	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5785MHz**

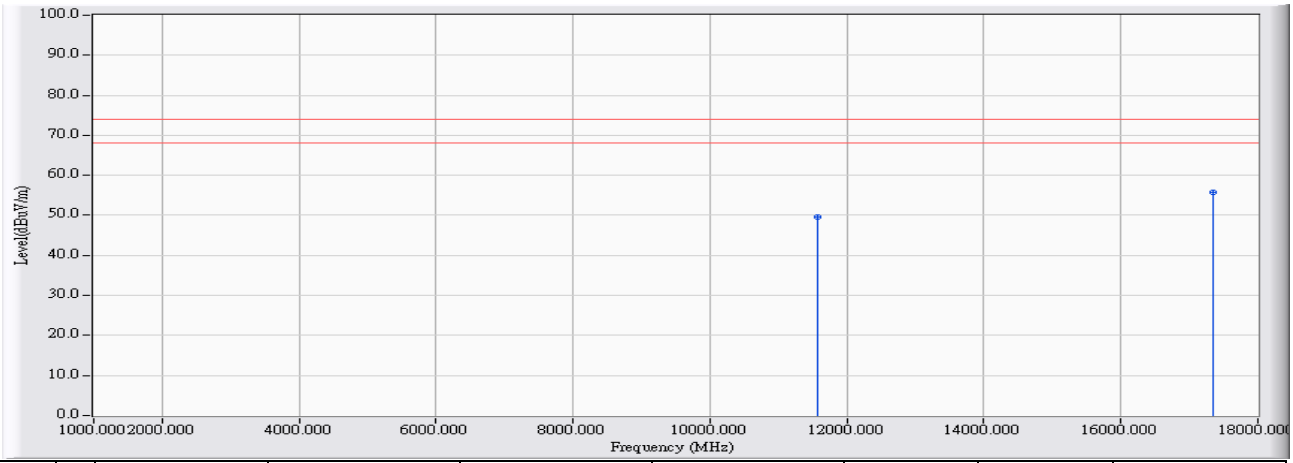


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11586.000	16.865	32.620	49.485	-24.515	74.000	PEAK
2	*	17361.000	21.992	34.200	56.192	-17.808	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5785MHz**

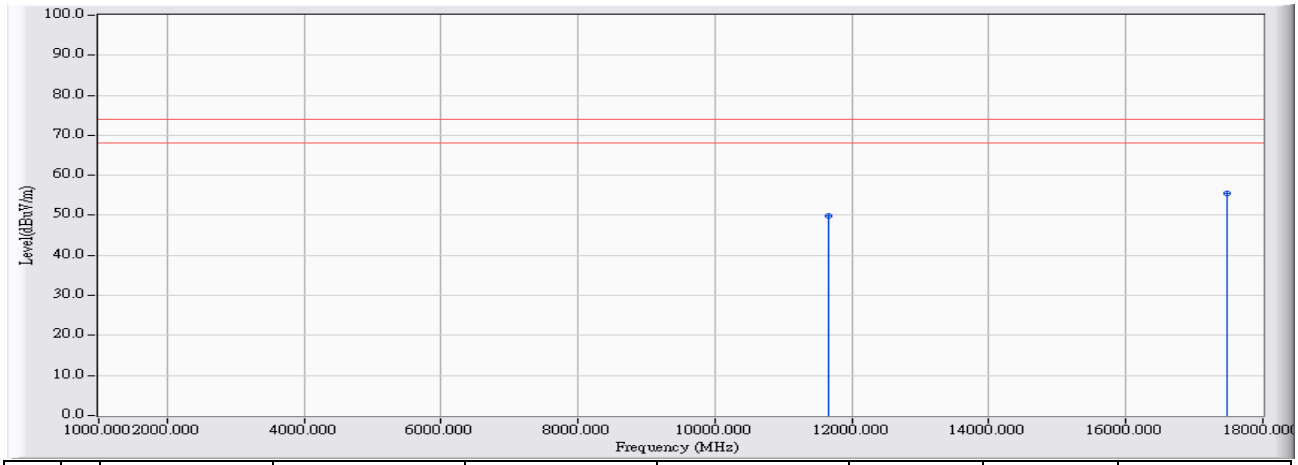


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11563.000	16.850	32.800	49.650	-24.350	74.000	PEAK
2	*	17357.000	21.999	33.730	55.729	-18.271	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5825MHz**

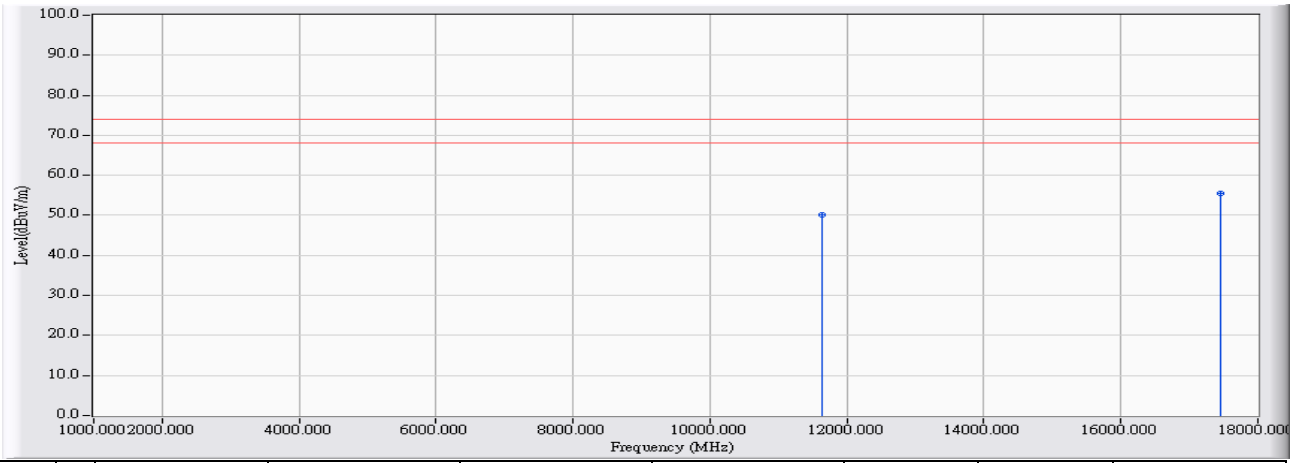


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11667.000	16.930	33.020	49.950	-24.050	74.000	PEAK
2	*	17480.000	21.793	33.720	55.513	-18.487	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5825MHz**

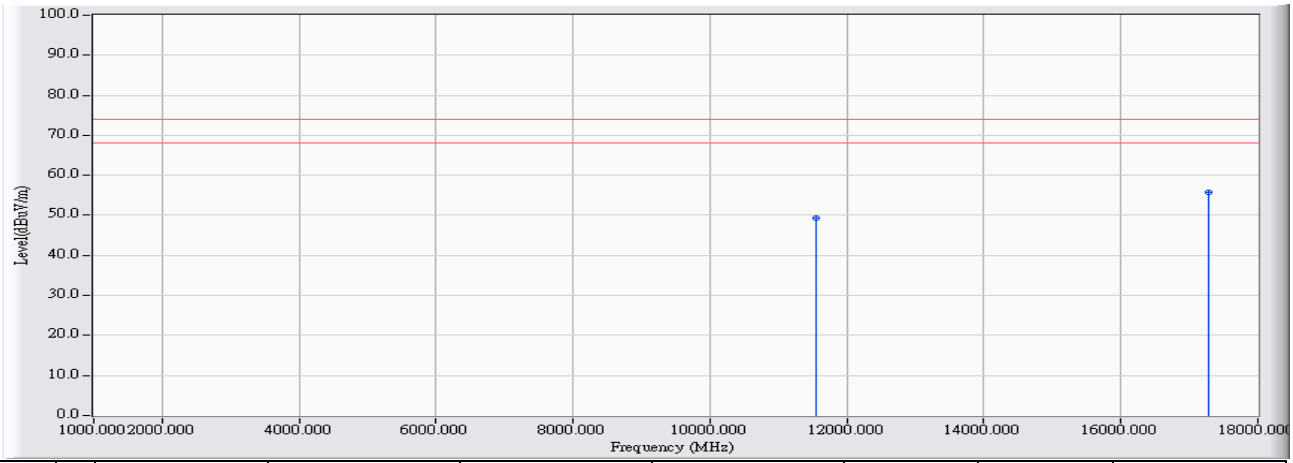


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11645.000	16.912	33.250	50.162	-23.838	74.000	PEAK
2	*	17463.000	21.821	33.670	55.491	-18.509	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(40M)_5755MHz**

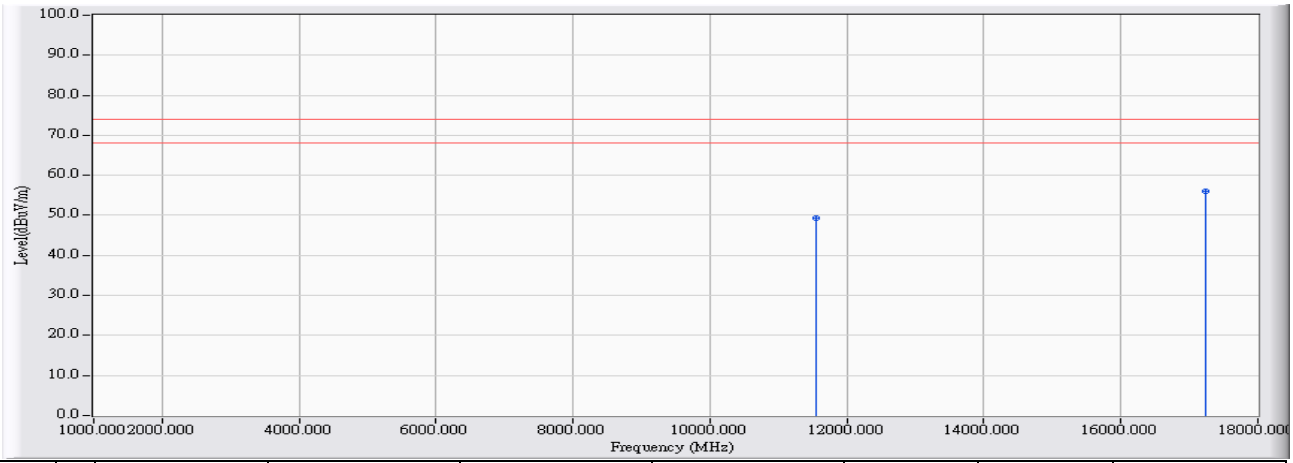


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11552.000	16.844	32.620	49.463	-24.537	74.000	PEAK
2	*	17282.000	22.130	33.660	55.789	-18.211	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(40M)_5755MHz**

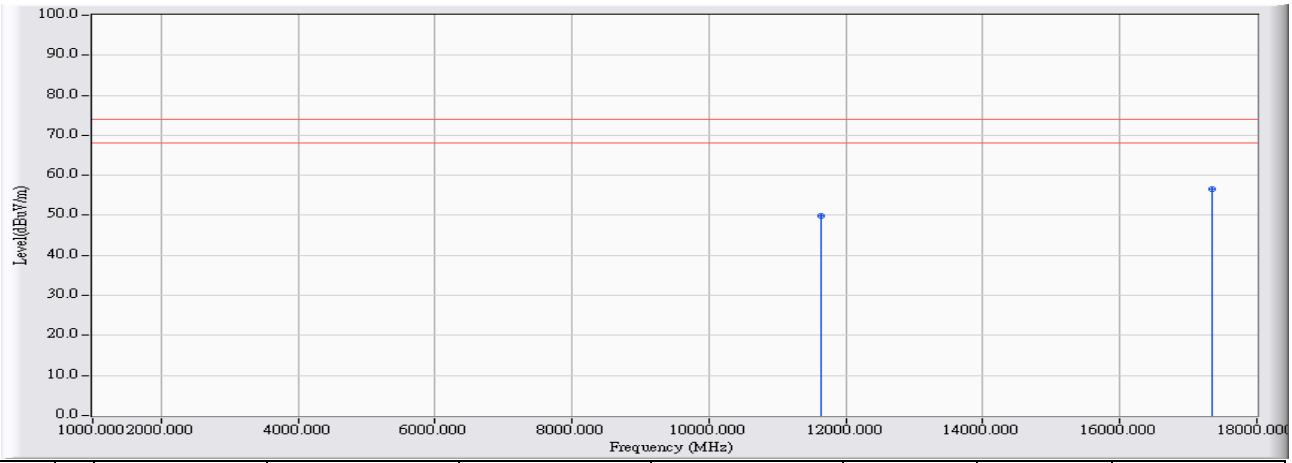


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11559.000	16.848	32.520	49.368	-24.632	74.000	PEAK
2	*	17231.000	22.218	33.810	56.028	-17.972	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(40M)_5795MHz**

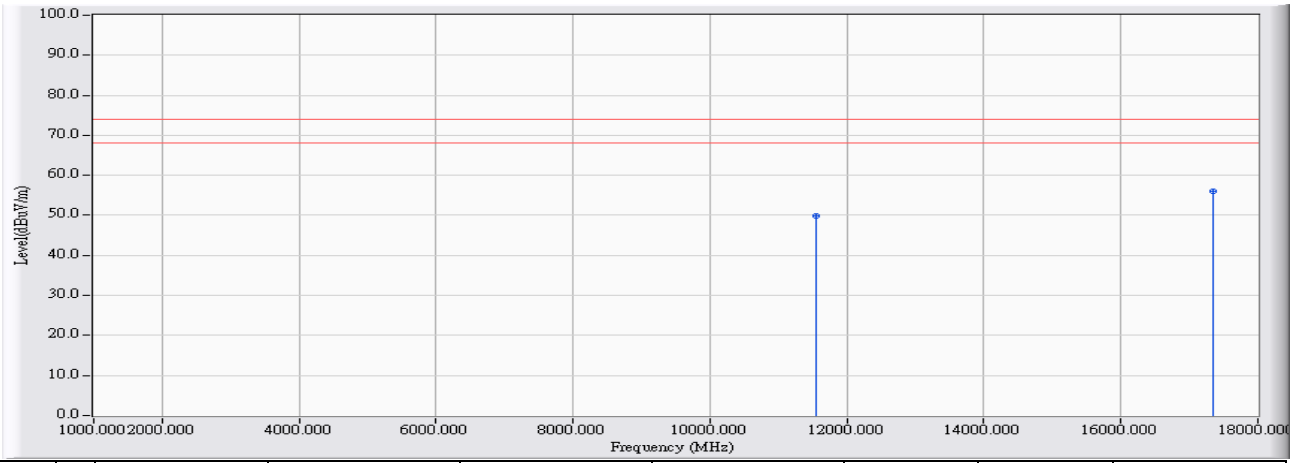


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11625.000	16.895	32.860	49.755	-24.245	74.000	PEAK
2	*	17338.000	22.031	34.640	56.672	-17.328	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(40M)_5795MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11558.000	16.847	33.050	49.897	-24.103	74.000	PEAK
2	*	17339.000	22.030	33.990	56.020	-17.980	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. “ # ”, means the frequency is out of the restricted band.
6. Measurement Level = Reading Level + Correct Factor.
7. The average measurement was not performed when the peak measured data under the limit of average detection.

7. Band Edge

7.1. Test Equipment

The following test equipments are used during the band edge tests:

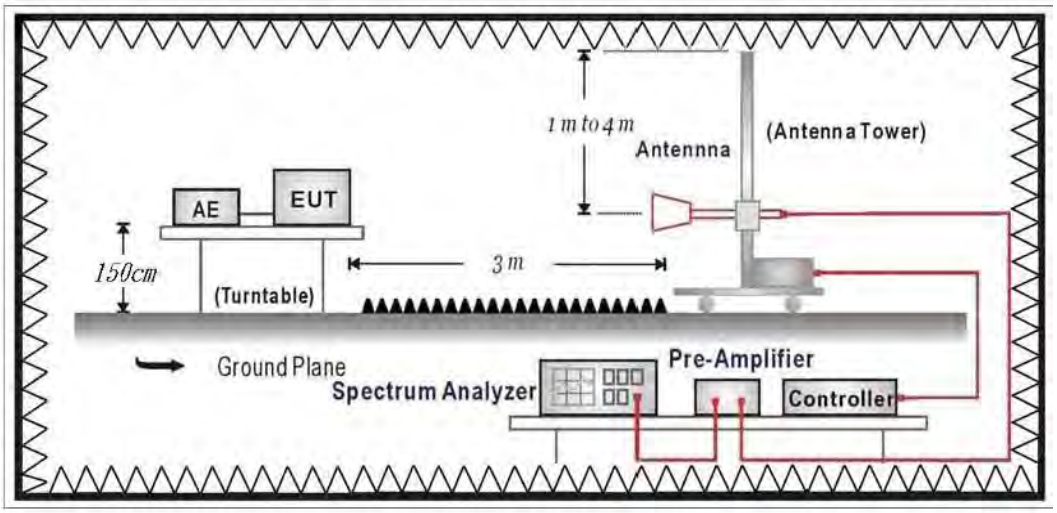
Band Edge / CB4-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Horn Antenna	Schwarzbeck	BBHA 9120	D312	2017/10/25
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/22

Note: All equipments that need to calibrate are with calibration period of 1 year.

7.2. Test Setup

RF Radiated Measurement:



7.3. Limits

➢ **General Radiated Emission Limits**

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section. Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	uV/m @3m	dBuV/m@3m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Remark:

1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

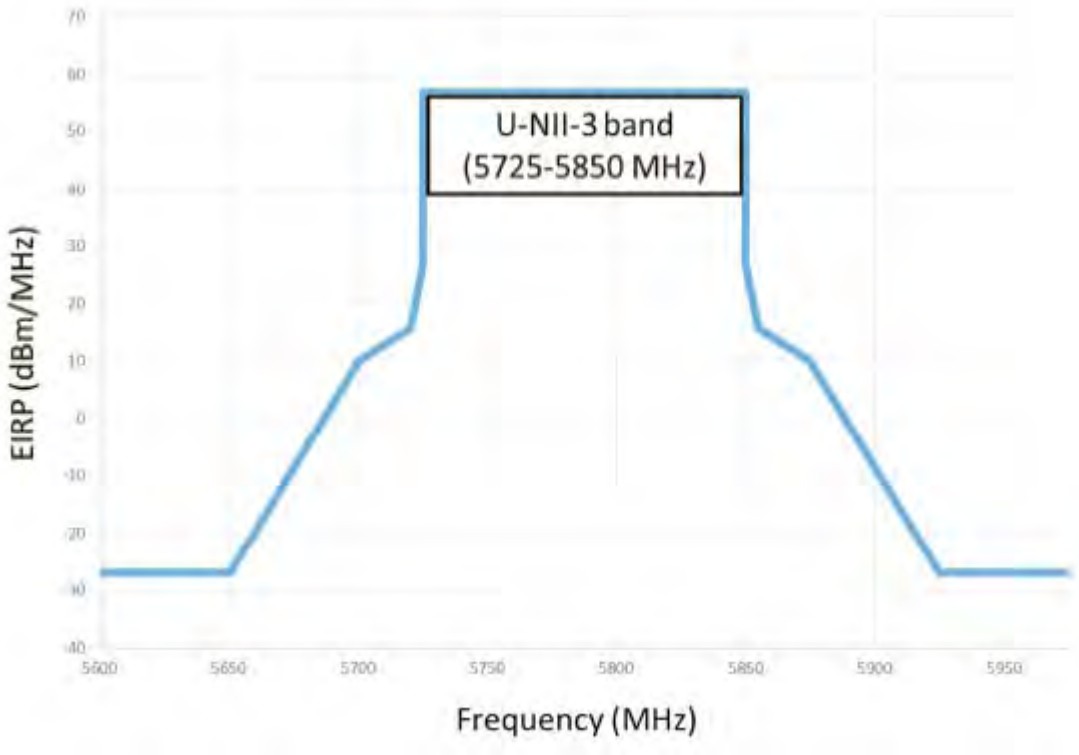
➢ **Unwanted Emission out of the restricted bands Limits**

FCC Part 15 Subpart E Paragraph 15.407(b) Limits		
Frequency (MHz)	EIRP Limit (dBm)	Equivalent Field Strength (dBuV/m@3m)
5150~5250	-27	68.3
5250~5350	-27	68.3
5470~5725	-27	68.3
5725~5850	-27 (Note1)	68.3
	-17 (Note2)	78.3

4. For transmitters operating in the 5.725-5.85 GHz band

(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.

(ii) Devices certified before March 2, 2017 with antenna gain greater than 10 dBi may demonstrate compliance with the emission limits in Section 15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease by March 2, 2018. Devices certified before March 2, 2018 with antenna gain of 10 dBi or less may demonstrate compliance with the emission limits in Section 15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease before March 2, 2020.



Remark:

1. For frequencies more than 10 MHz above or below the band edges.
2. For frequency range from the band edges to 10 MHz above or below the band edges.
3. uV/m = $\frac{1000000\sqrt{30 \times EIRP}}{3}$, RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

7.4. Test Procedure

The EUT and its simulators are placed on a turn table which is 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013on radiated measurement.

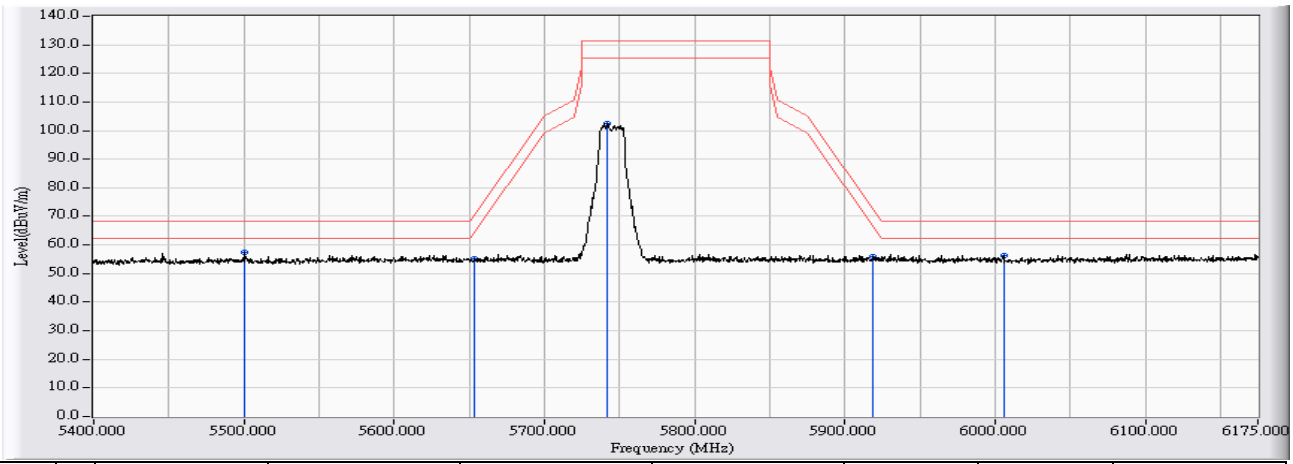
The bandwidth below 1GHz setting on the field strength meter is 120 KHz, above 1GHz are 1 MHz.

7.5. Uncertainty

The measurement uncertainty is defined as ± 3.65dB

7.6. Test Result

Site : CB4-H	**Time : 2017/03/16**
Limit : FCC_Part15E_2016_B4_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5745MHz**

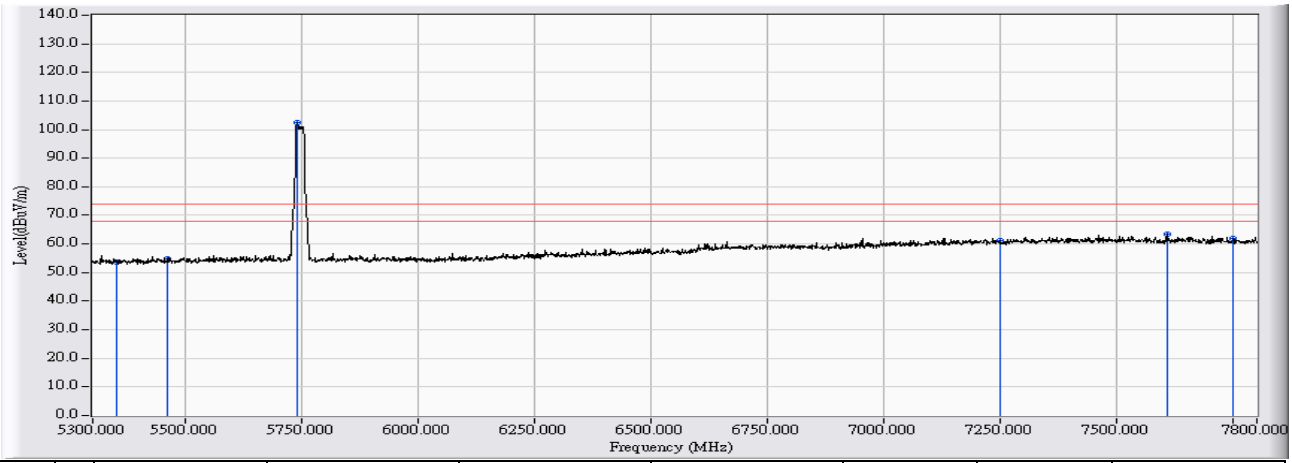


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5500.362	25.175	32.203	57.378	-10.822	68.200	PEAK
2		5653.038	25.516	29.690	55.207	-15.241	70.448	PEAK
3		5742.163	25.739	76.646	102.384	-28.816	131.200	PEAK
4		5918.862	26.221	29.674	55.895	-16.847	72.742	PEAK
5		6005.663	26.433	30.023	56.456	-11.744	68.200	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/16**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5745MHz**

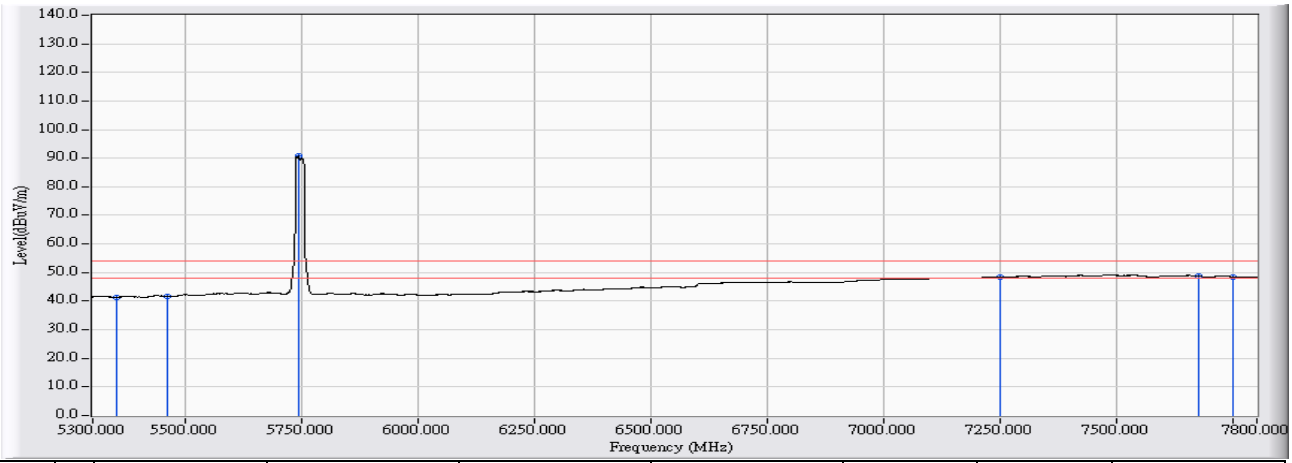


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	28.861	53.841	-20.159	74.000	PEAK
2		5460.000	25.118	29.497	54.615	-19.385	74.000	PEAK
3	*	5740.000	25.732	76.744	102.476	28.476	74.000	PEAK
4		7250.000	30.870	30.329	61.199	-12.801	74.000	PEAK
5		7608.750	31.635	31.777	63.412	-10.588	74.000	PEAK
6		7750.000	31.300	30.551	61.851	-12.149	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/16**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5745MHz**

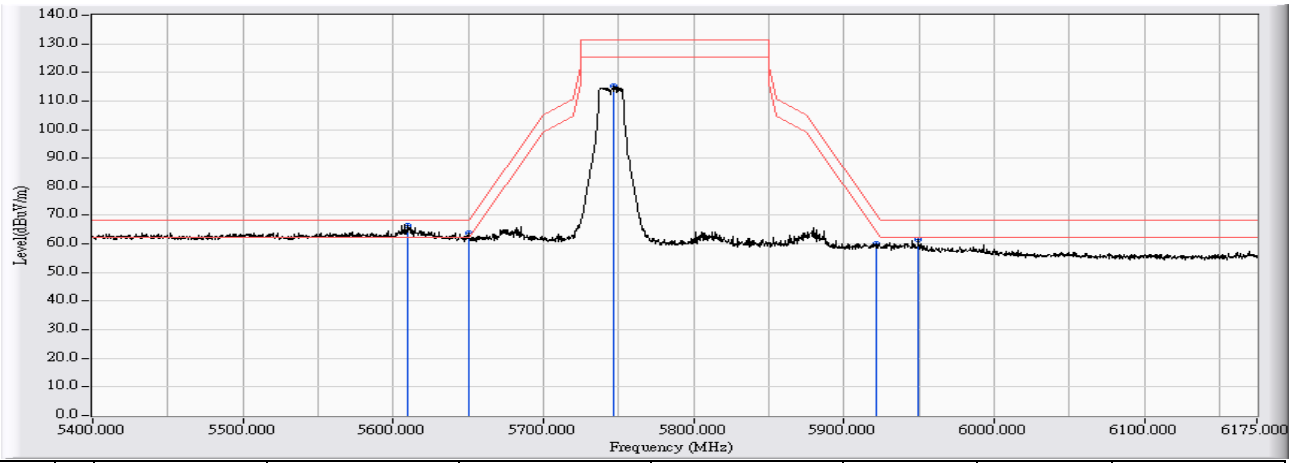


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	16.454	41.434	-12.566	54.000	AVERAGE
2		5460.000	25.118	16.552	41.670	-12.330	54.000	AVERAGE
3	*	5742.500	25.740	65.127	90.866	36.866	54.000	AVERAGE
4		7250.000	30.870	17.367	48.237	-5.763	54.000	AVERAGE
5		7673.750	31.476	17.236	48.712	-5.288	54.000	AVERAGE
6		7750.000	31.300	17.142	48.442	-5.558	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/16**
Limit : FCC_Part15E_2016_B4_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5745MHz**

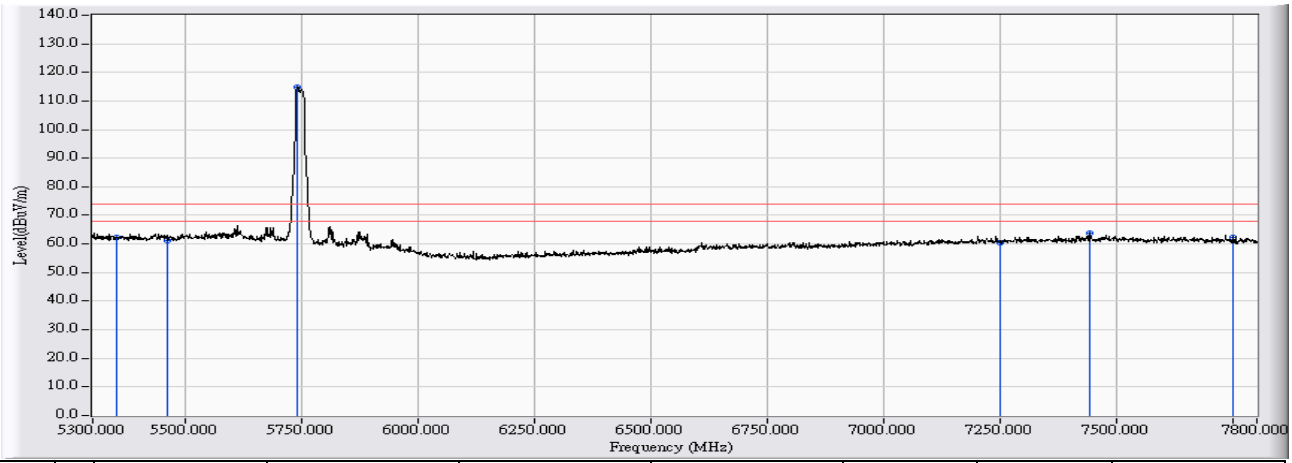


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5610.025	25.422	41.004	66.426	-1.774	68.200	PEAK
2		5649.937	25.510	38.121	63.631	-4.569	68.200	PEAK
3		5746.812	25.752	89.481	115.232	-15.968	131.200	PEAK
4		5921.187	26.227	33.655	59.882	-11.140	71.022	PEAK
5		5949.862	26.290	35.423	61.713	-6.487	68.200	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/16**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5745MHz**

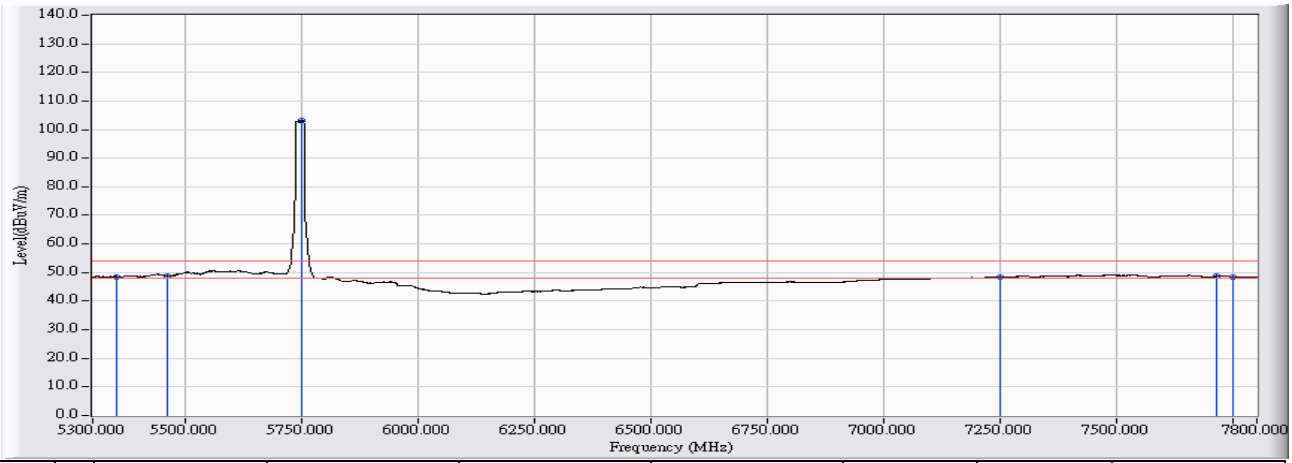


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	37.213	62.193	-11.807	74.000	PEAK
2		5460.000	25.118	36.083	61.201	-12.799	74.000	PEAK
3	*	5740.000	25.732	89.223	114.955	40.955	74.000	PEAK
4		7250.000	30.870	29.386	60.256	-13.744	74.000	PEAK
5		7441.250	31.628	31.996	63.624	-10.376	74.000	PEAK
6		7750.000	31.300	30.887	62.187	-11.813	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/16**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5745MHz**

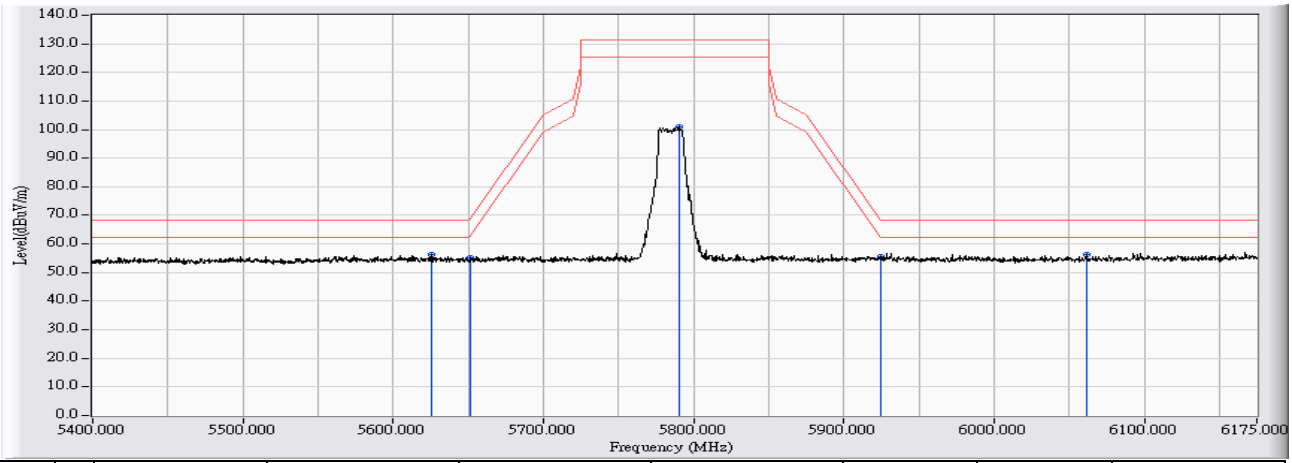


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	23.602	48.582	-5.418	54.000	AVERAGE
2		5460.000	25.118	23.859	48.977	-5.023	54.000	AVERAGE
3	*	5747.500	25.753	77.559	103.312	49.312	54.000	AVERAGE
4		7250.000	30.870	17.361	48.231	-5.769	54.000	AVERAGE
5		7713.750	31.381	17.375	48.756	-5.244	54.000	AVERAGE
6		7750.000	31.300	17.165	48.465	-5.535	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_Part15E_2016_B4_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5785MHz**

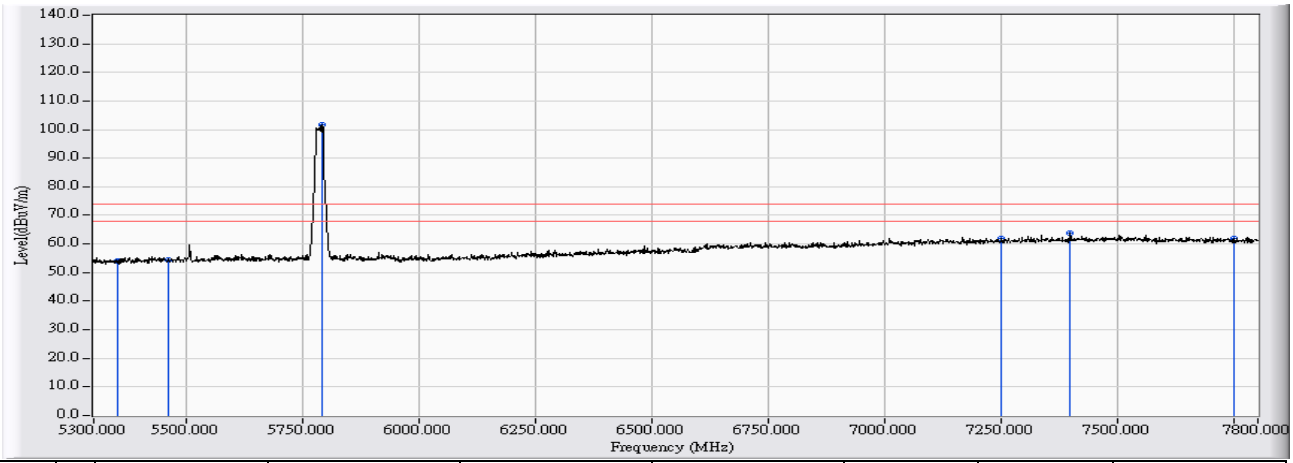


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5625.912	25.457	30.728	56.185	-12.015	68.200	PEAK
2		5651.487	25.513	29.646	55.159	-14.141	69.300	PEAK
3		5790.212	25.872	74.919	100.792	-30.408	131.200	PEAK
4		5924.675	26.234	29.463	55.697	-12.743	68.440	PEAK
5	*	6061.462	26.719	29.733	56.453	-11.747	68.200	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5785MHz**

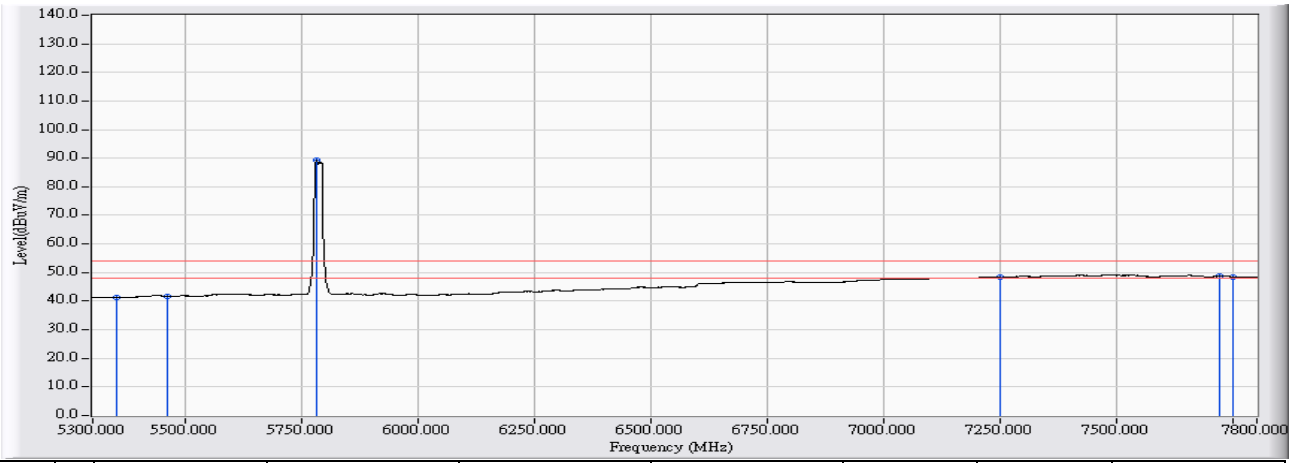


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	28.979	53.959	-20.041	74.000	PEAK
2		5460.000	25.118	29.285	54.403	-19.597	74.000	PEAK
3	*	5790.000	25.872	75.698	101.570	27.570	74.000	PEAK
4		7250.000	30.870	31.100	61.970	-12.030	74.000	PEAK
5		7397.500	31.435	32.243	63.678	-10.322	74.000	PEAK
6		7750.000	31.300	30.618	61.918	-12.082	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5785MHz**

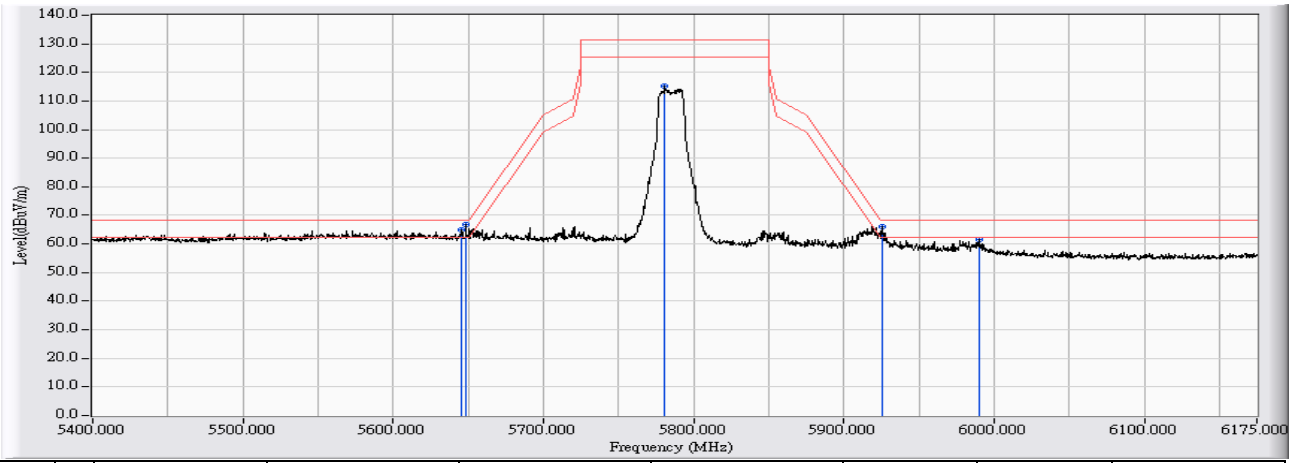


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	16.290	41.270	-12.730	54.000	AVERAGE
2		5460.000	25.118	16.531	41.649	-12.351	54.000	AVERAGE
3	*	5780.000	25.844	63.473	89.317	35.317	54.000	AVERAGE
4		7250.000	30.870	17.362	48.232	-5.768	54.000	AVERAGE
5		7718.750	31.369	17.498	48.868	-5.132	54.000	AVERAGE
6		7750.000	31.300	17.249	48.549	-5.451	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_Part15E_2016_B4_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5785MHz**

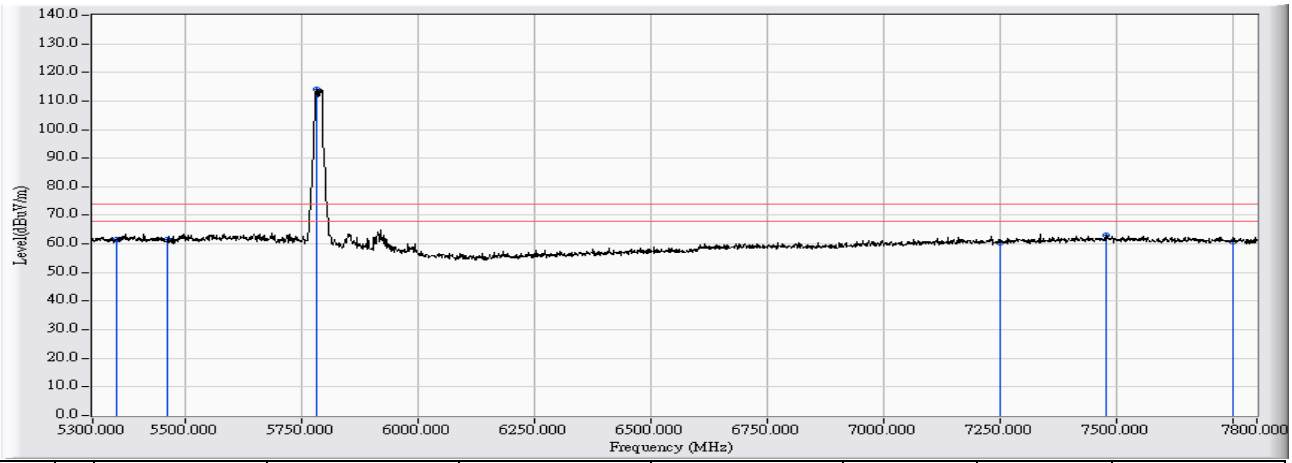


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5645.675	25.501	39.324	64.824	-3.376	68.200	PEAK
2	*	5648.387	25.507	41.219	66.725	-1.475	68.200	PEAK
3		5780.912	25.847	89.226	115.073	-16.127	131.200	PEAK
4		5925.837	26.237	39.972	66.209	-1.991	68.200	PEAK
5		5989.775	26.378	35.029	61.407	-6.793	68.200	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5785MHz**

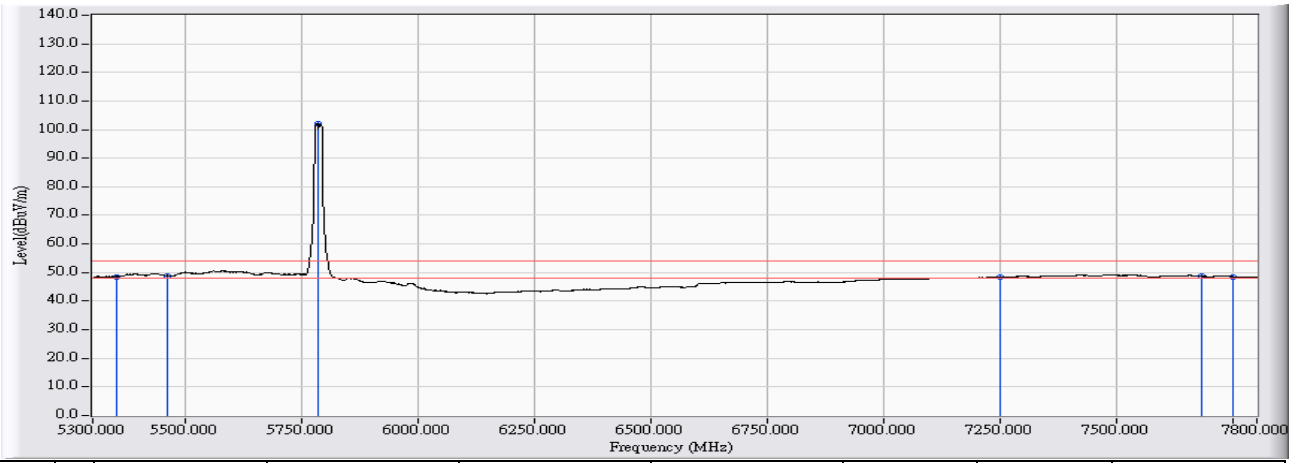


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	36.673	61.653	-12.347	74.000	PEAK
2		5460.000	25.118	36.254	61.372	-12.628	74.000	PEAK
3	*	5780.000	25.844	88.418	114.262	40.262	74.000	PEAK
4		7250.000	30.870	29.640	60.510	-13.490	74.000	PEAK
5		7477.500	31.789	31.267	63.057	-10.943	74.000	PEAK
6		7750.000	31.300	29.641	60.941	-13.059	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5785MHz**

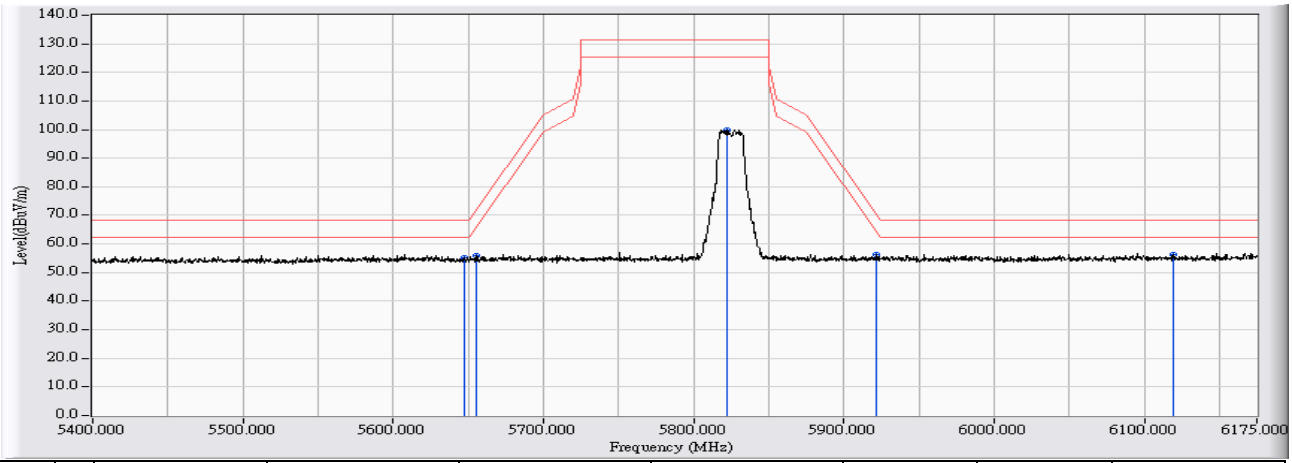


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	23.590	48.570	-5.430	54.000	AVERAGE
2		5460.000	25.118	23.833	48.951	-5.049	54.000	AVERAGE
3	*	5783.750	25.855	76.199	102.054	48.054	54.000	AVERAGE
4		7250.000	30.870	17.447	48.317	-5.683	54.000	AVERAGE
5		7680.000	31.461	17.250	48.711	-5.289	54.000	AVERAGE
6		7750.000	31.300	17.230	48.530	-5.470	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_Part15E_2016_B4_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5825MHz**

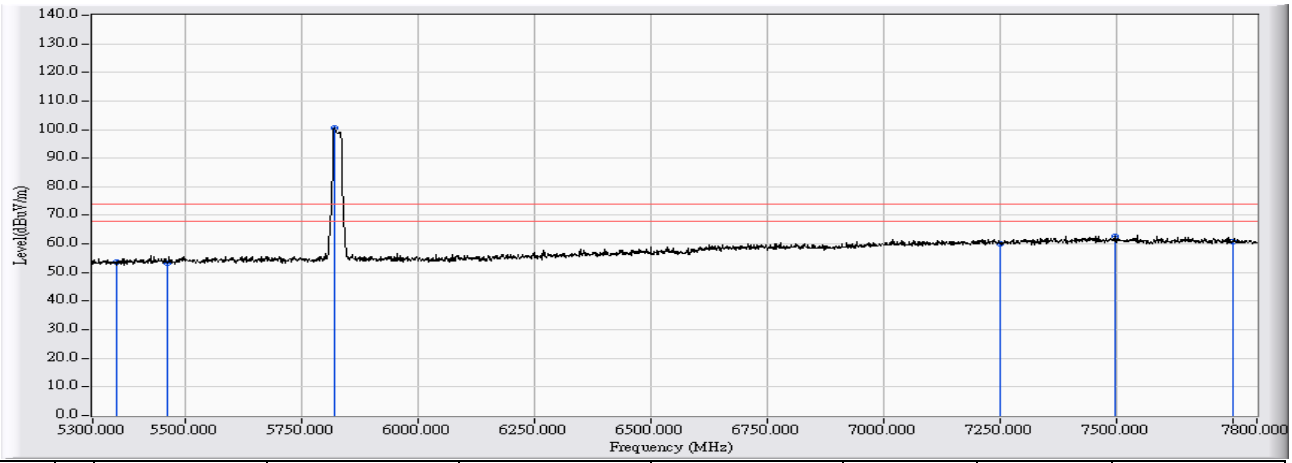


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5647.225	25.504	29.848	55.352	-12.848	68.200	PEAK
2		5654.975	25.520	30.247	55.768	-16.114	71.882	PEAK
3		5821.987	25.961	73.943	99.905	-31.295	131.200	PEAK
4		5921.962	26.228	30.124	56.352	-14.096	70.448	PEAK
5	*	6119.587	27.028	29.270	56.298	-11.902	68.200	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5825MHz**

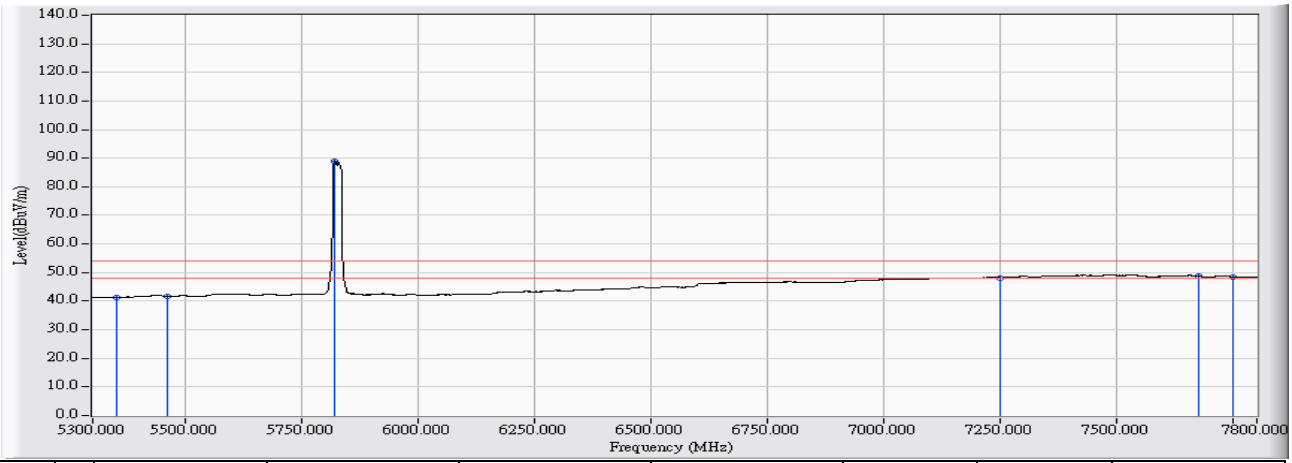


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	28.699	53.679	-20.321	74.000	PEAK
2		5460.000	25.118	28.330	53.448	-20.552	74.000	PEAK
3	*	5820.000	25.956	74.500	100.456	26.456	74.000	PEAK
4		7250.000	30.870	29.222	60.092	-13.908	74.000	PEAK
5		7495.000	31.863	30.990	62.853	-11.147	74.000	PEAK
6		7750.000	31.300	29.391	60.691	-13.309	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5825MHz**

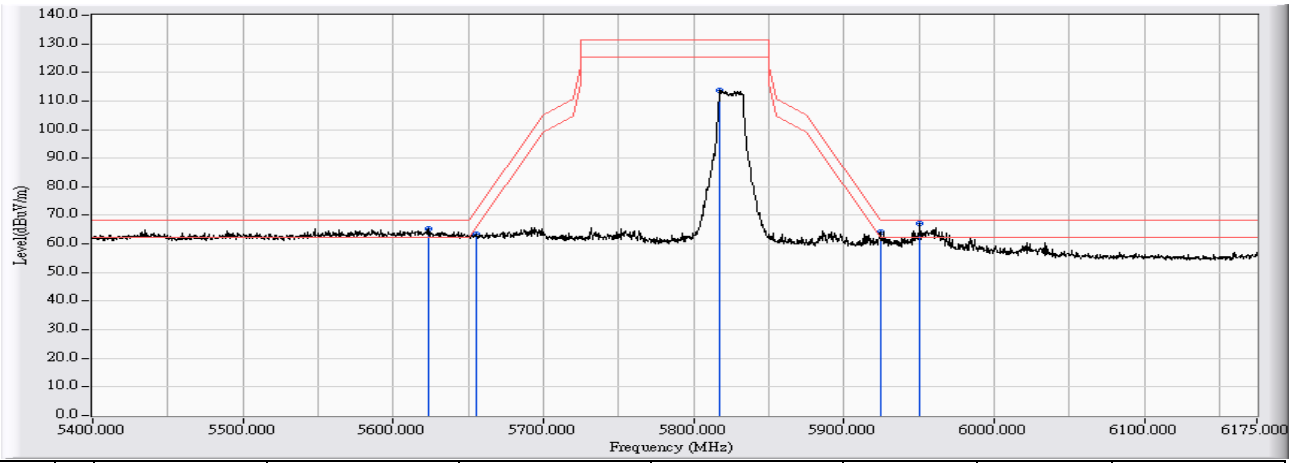


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	16.327	41.307	-12.693	54.000	AVERAGE
2		5460.000	25.118	16.555	41.673	-12.327	54.000	AVERAGE
3	*	5820.000	25.956	62.820	88.776	34.776	54.000	AVERAGE
4		7250.000	30.870	17.350	48.220	-5.780	54.000	AVERAGE
5		7673.750	31.476	17.254	48.730	-5.270	54.000	AVERAGE
6		7750.000	31.300	17.222	48.522	-5.478	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_Part15E_2016_B4_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5825MHz**

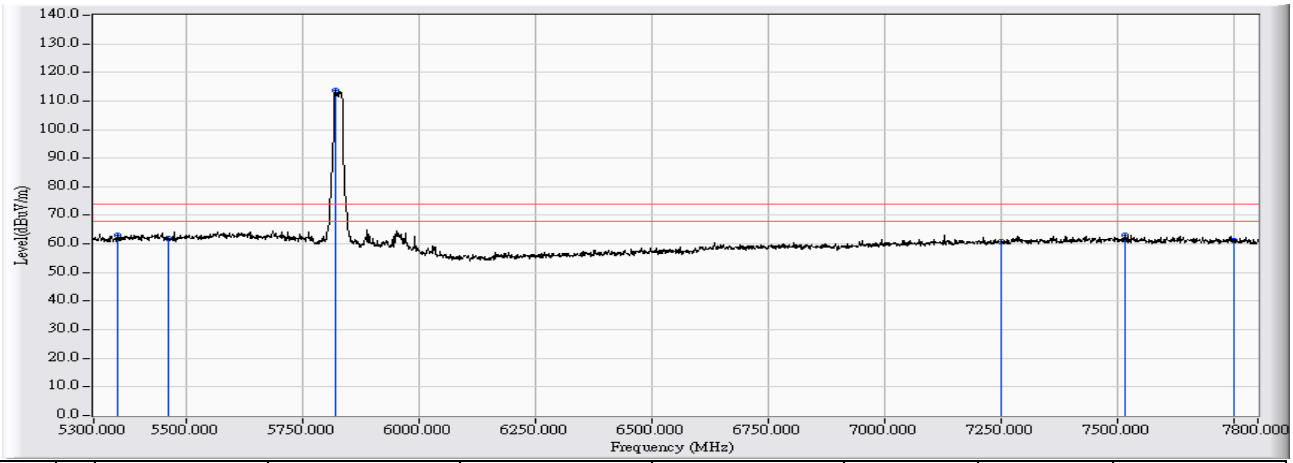


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5623.587	25.452	39.718	65.170	-3.030	68.200	PEAK
2		5654.975	25.520	37.792	63.313	-8.569	71.882	PEAK
3		5817.337	25.948	87.749	113.698	-17.502	131.200	PEAK
4		5924.287	26.233	37.948	64.181	-4.547	68.728	PEAK
5	*	5950.637	26.291	40.720	67.011	-1.189	68.200	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5825MHz**

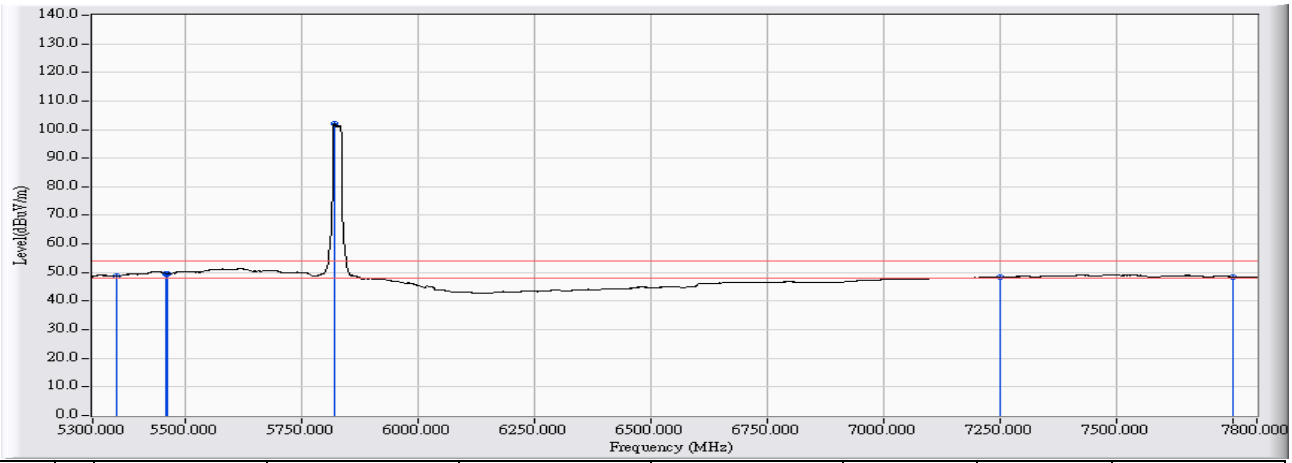


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	37.937	62.917	-11.083	74.000	PEAK
2		5460.000	25.118	36.745	61.863	-12.137	74.000	PEAK
3	*	5818.750	25.952	87.839	113.792	39.792	74.000	PEAK
4		7250.000	30.870	29.883	60.753	-13.247	74.000	PEAK
5		7516.250	31.853	31.078	62.930	-11.070	74.000	PEAK
6		7750.000	31.300	29.943	61.243	-12.757	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11a_5825MHz**

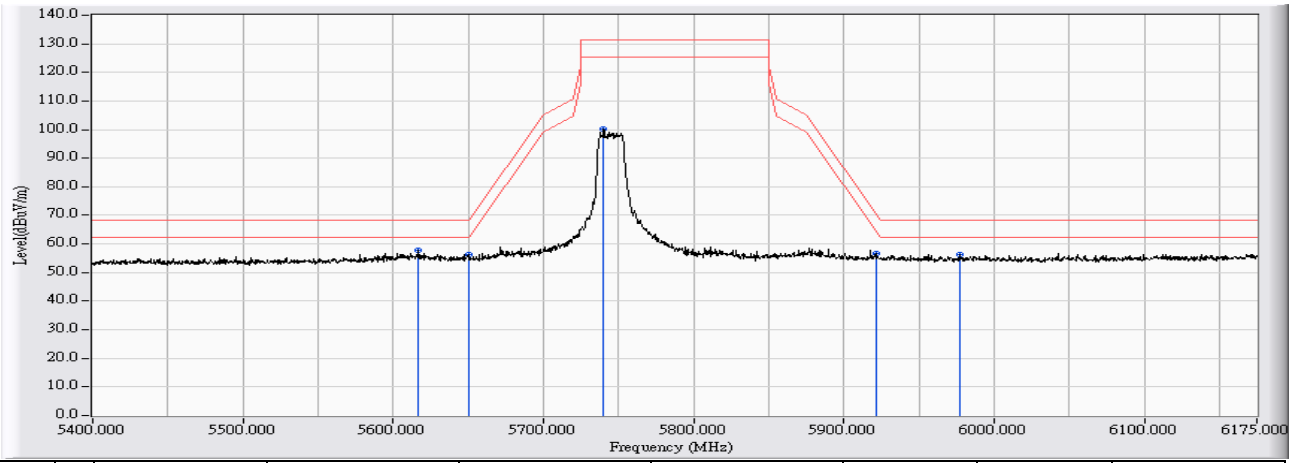


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	23.841	48.821	-5.179	54.000	AVERAGE
2		5456.250	25.114	24.531	49.644	-4.356	54.000	AVERAGE
3		5460.000	25.118	24.545	49.663	-4.337	54.000	AVERAGE
4	*	5818.750	25.952	76.042	101.995	47.995	54.000	AVERAGE
5		7250.000	30.870	17.386	48.256	-5.744	54.000	AVERAGE
6		7750.000	31.300	17.202	48.502	-5.498	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_Part15E_2016_B4_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5745MHz**

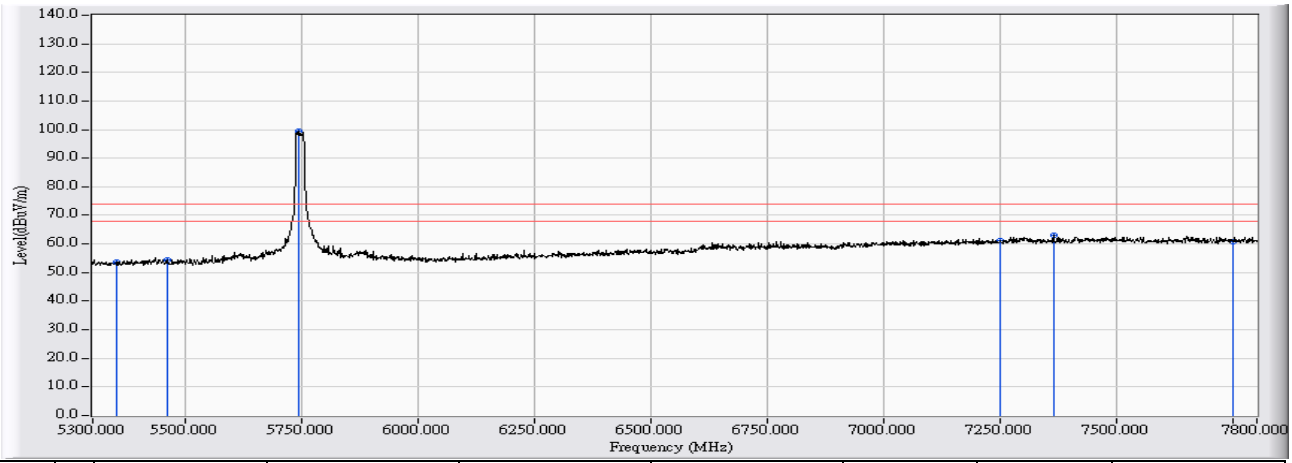


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5617.000	25.438	32.286	57.723	-10.477	68.200	PEAK
2		5649.937	25.510	30.747	56.257	-11.943	68.200	PEAK
3		5740.225	25.732	74.395	100.128	-31.072	131.200	PEAK
4		5921.187	26.227	30.505	56.732	-14.290	71.022	PEAK
5		5977.375	26.350	29.990	56.340	-11.860	68.200	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5745MHz**

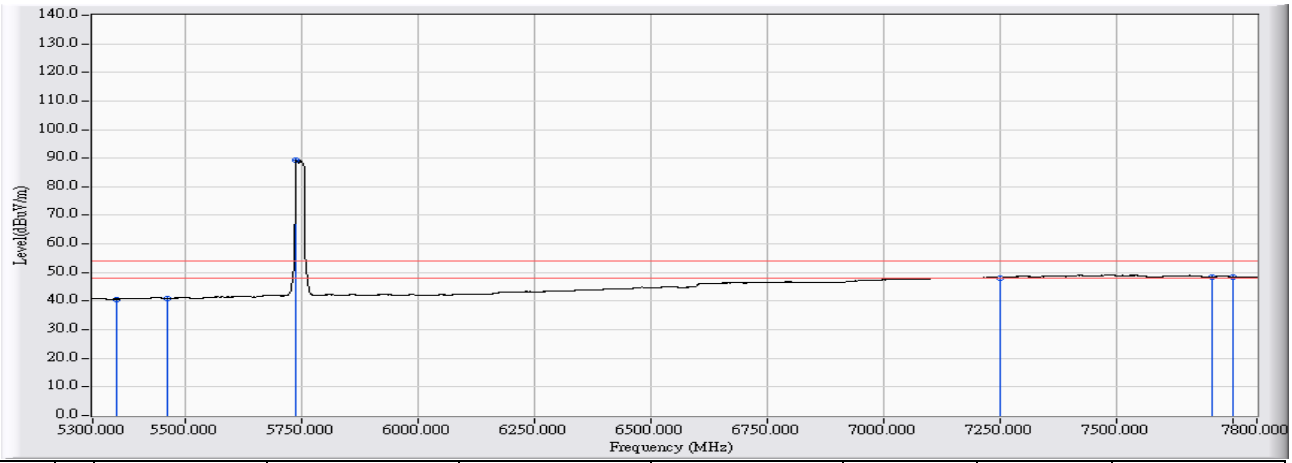


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	28.824	53.804	-20.196	74.000	PEAK
2		5460.000	25.118	29.326	54.444	-19.556	74.000	PEAK
3	*	5743.750	25.743	73.591	99.334	25.334	74.000	PEAK
4		7250.000	30.870	30.132	61.002	-12.998	74.000	PEAK
5		7363.750	31.308	31.740	63.048	-10.952	74.000	PEAK
6		7750.000	31.300	29.369	60.669	-13.331	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5745MHz**

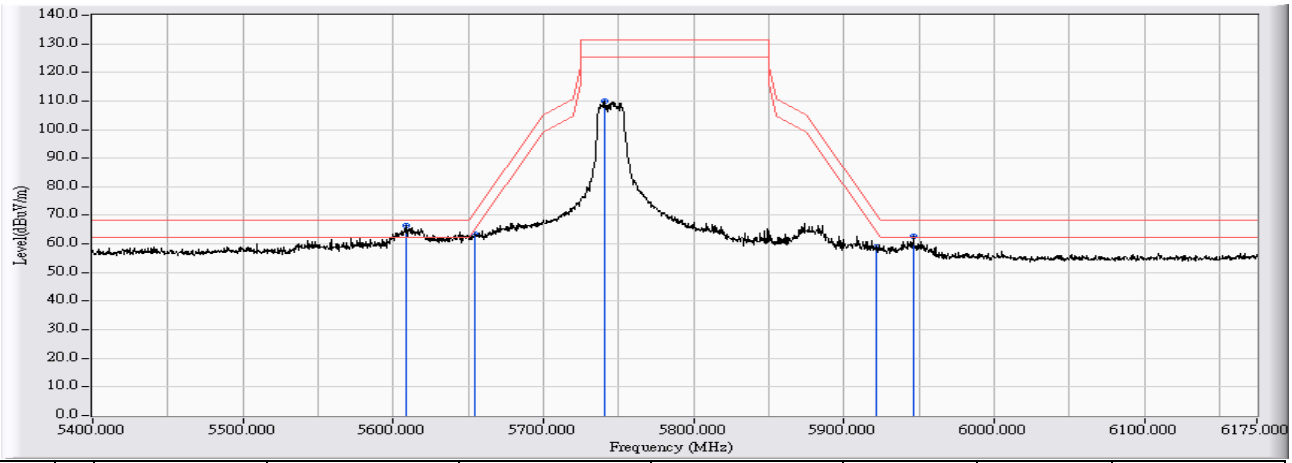


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	15.738	40.718	-13.282	54.000	AVERAGE
2		5460.000	25.118	15.926	41.044	-12.956	54.000	AVERAGE
3	*	5737.500	25.725	63.498	89.223	35.223	54.000	AVERAGE
4		7250.000	30.870	17.359	48.229	-5.771	54.000	AVERAGE
5		7702.500	31.407	17.132	48.539	-5.461	54.000	AVERAGE
6		7750.000	31.300	17.208	48.508	-5.492	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_Part15E_2016_B4_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5745MHz**

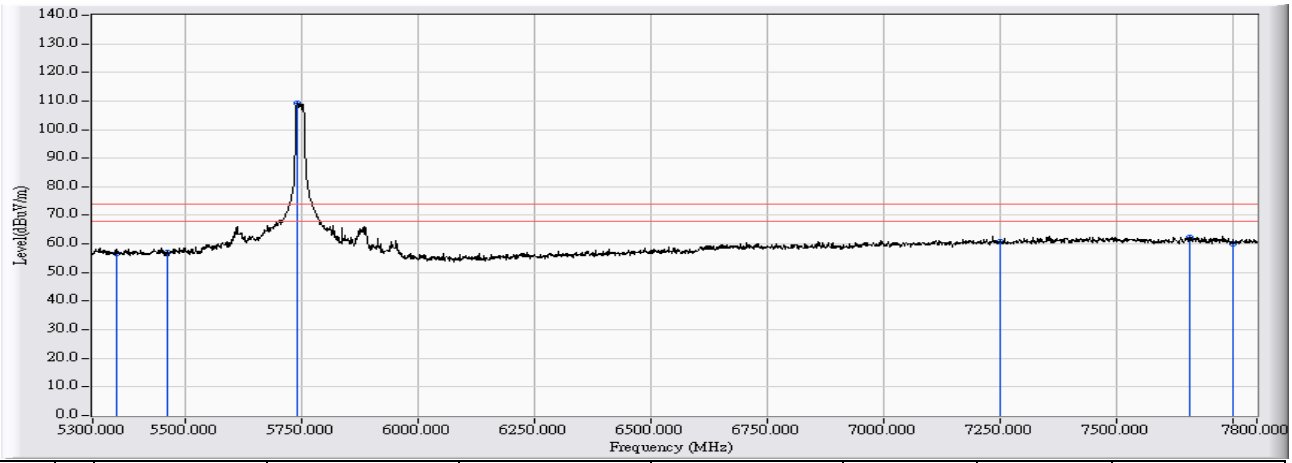


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5608.475	25.419	40.921	66.340	-1.860	68.200	PEAK
2		5654.200	25.519	38.010	63.529	-7.779	71.308	PEAK
3		5740.612	25.733	84.333	110.067	-21.133	131.200	PEAK
4		5921.575	26.227	32.580	58.807	-11.928	70.735	PEAK
5		5945.987	26.281	36.339	62.620	-5.580	68.200	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5745MHz**

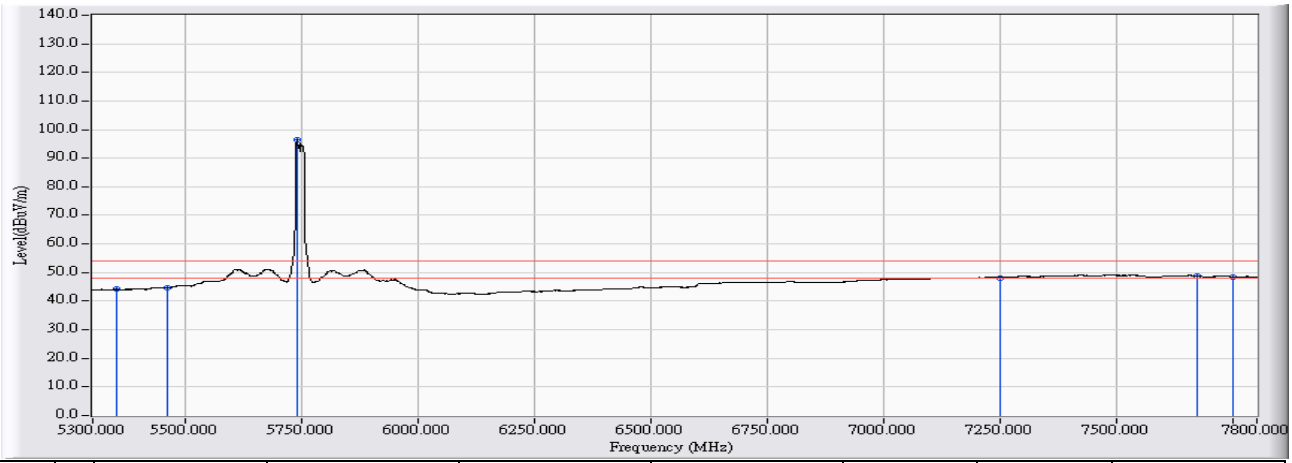


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	31.598	56.578	-17.422	74.000	PEAK
2		5460.000	25.118	31.789	56.907	-17.093	74.000	PEAK
3	*	5738.750	25.728	83.398	109.127	35.127	74.000	PEAK
4		7250.000	30.870	30.001	60.871	-13.129	74.000	PEAK
5		7655.000	31.521	30.608	62.130	-11.870	74.000	PEAK
6		7750.000	31.300	28.792	60.092	-13.908	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5745MHz**

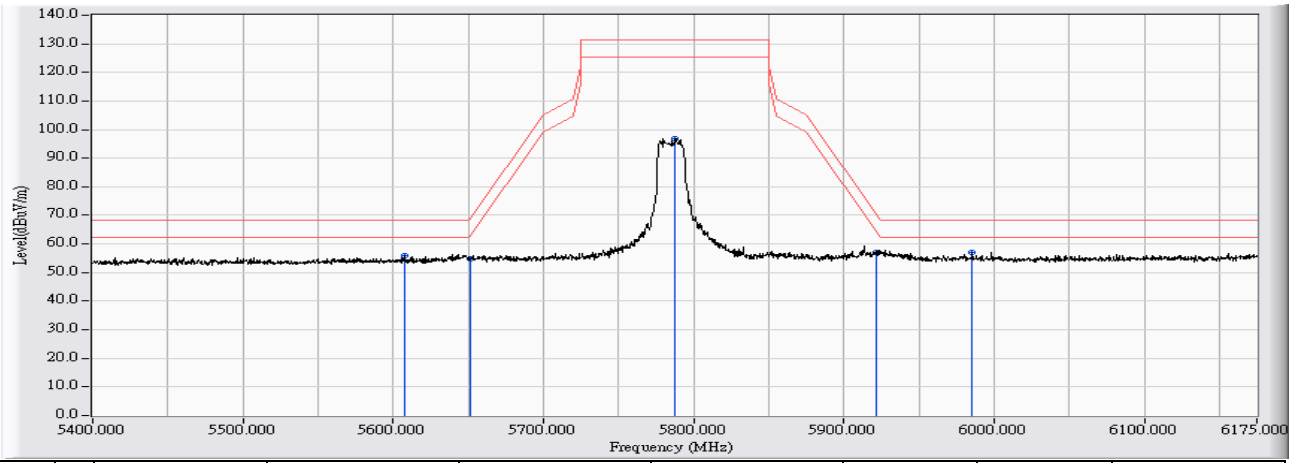


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	19.123	44.103	-9.897	54.000	AVERAGE
2		5460.000	25.118	19.397	44.515	-9.485	54.000	AVERAGE
3	*	5738.750	25.728	70.735	96.464	42.464	54.000	AVERAGE
4		7250.000	30.870	17.359	48.229	-5.771	54.000	AVERAGE
5		7671.250	31.482	17.288	48.770	-5.230	54.000	AVERAGE
6		7750.000	31.300	17.205	48.505	-5.495	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_Part15E_2016_B4_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5785MHz**

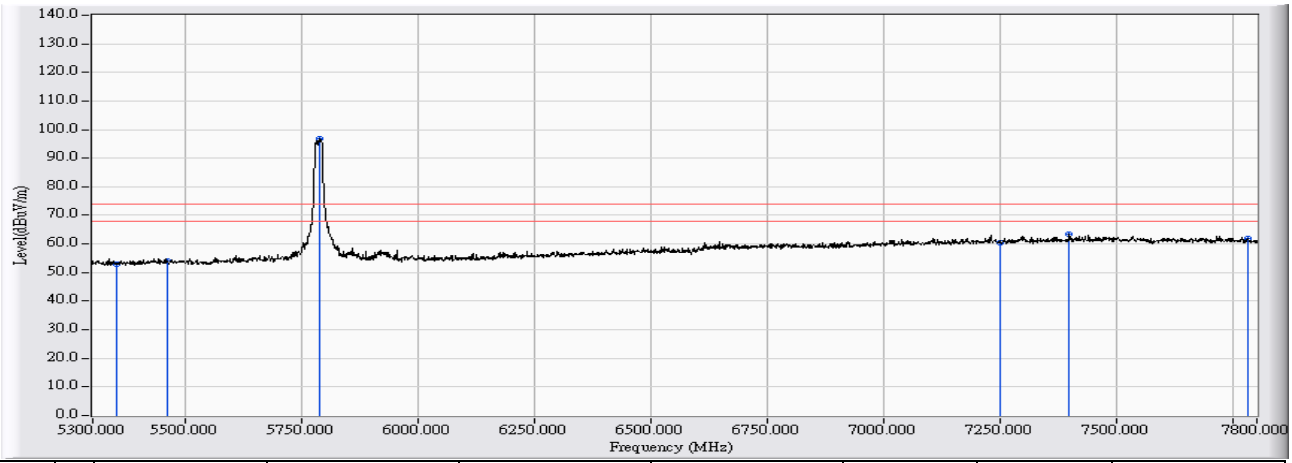


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5607.312	25.416	30.454	55.870	-12.330	68.200	PEAK
2		5651.487	25.513	29.261	54.774	-14.526	69.300	PEAK
3		5787.500	25.865	71.027	96.892	-34.308	131.200	PEAK
4		5921.575	26.227	30.708	56.935	-13.800	70.735	PEAK
5	*	5985.125	26.368	30.555	56.922	-11.278	68.200	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5785MHz**

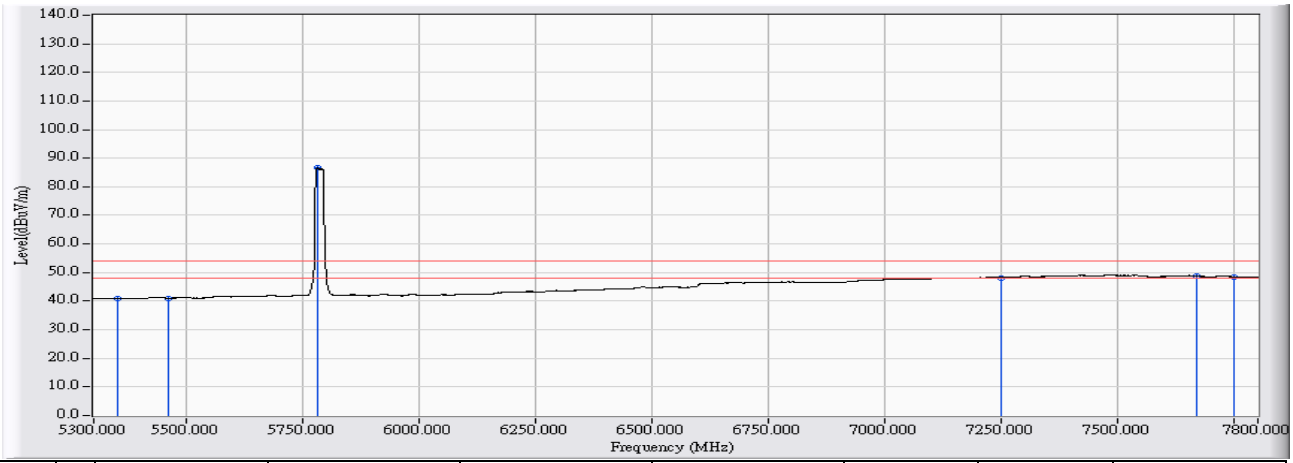


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	27.864	52.844	-21.156	74.000	PEAK
2		5460.000	25.118	28.788	53.906	-20.094	74.000	PEAK
3	*	5786.250	25.861	71.139	97.001	23.001	74.000	PEAK
4		7250.000	30.870	29.719	60.589	-13.411	74.000	PEAK
5		7397.500	31.435	31.858	63.293	-10.707	74.000	PEAK
6		7780.000	31.233	30.596	61.829	-12.171	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5785MHz**

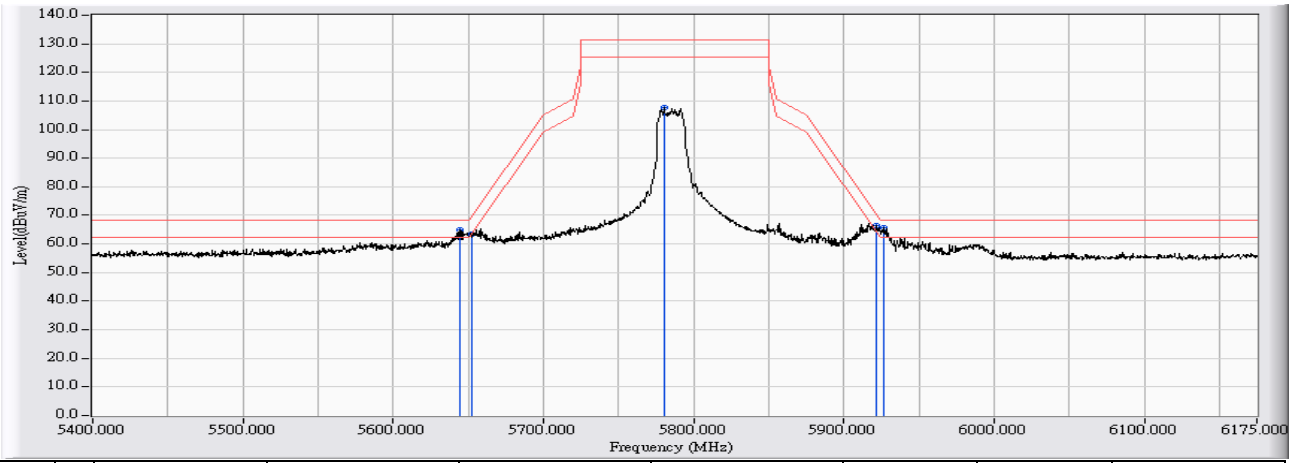


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	15.826	40.806	-13.194	54.000	AVERAGE
2		5460.000	25.118	15.937	41.055	-12.945	54.000	AVERAGE
3	*	5781.250	25.848	60.789	86.637	32.637	54.000	AVERAGE
4		7250.000	30.870	17.346	48.216	-5.784	54.000	AVERAGE
5		7667.500	31.492	17.257	48.748	-5.252	54.000	AVERAGE
6		7750.000	31.300	17.251	48.551	-5.449	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_Part15E_2016_B4_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5785MHz**

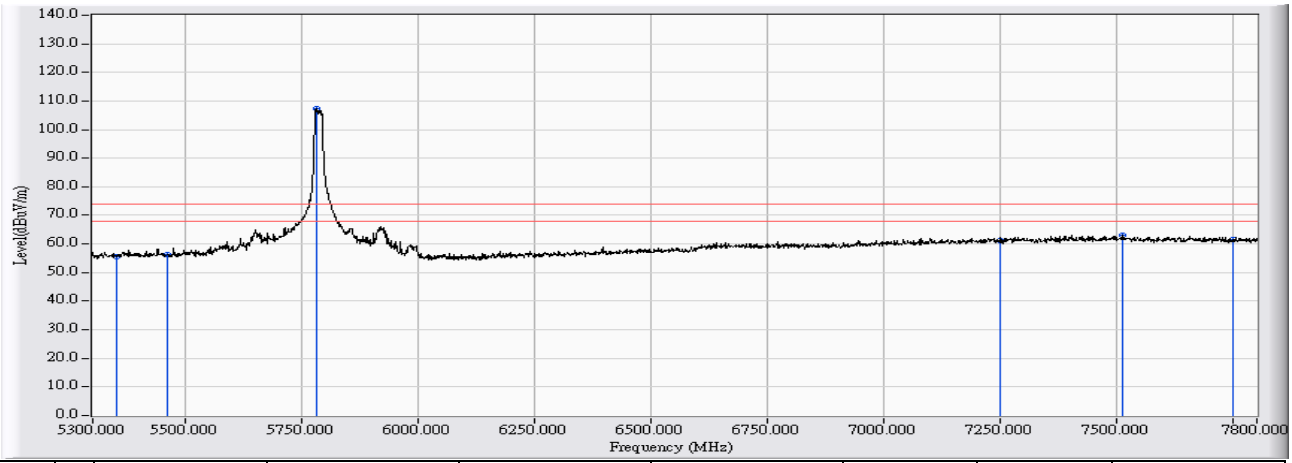


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5644.900	25.498	39.595	65.094	-3.106	68.200	PEAK
2		5652.262	25.515	38.030	63.545	-6.329	69.874	PEAK
3		5780.525	25.845	81.906	107.751	-23.449	131.200	PEAK
4		5921.962	26.228	40.057	66.285	-4.163	70.448	PEAK
5	*	5926.225	26.238	39.897	66.135	-2.065	68.200	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5785MHz**

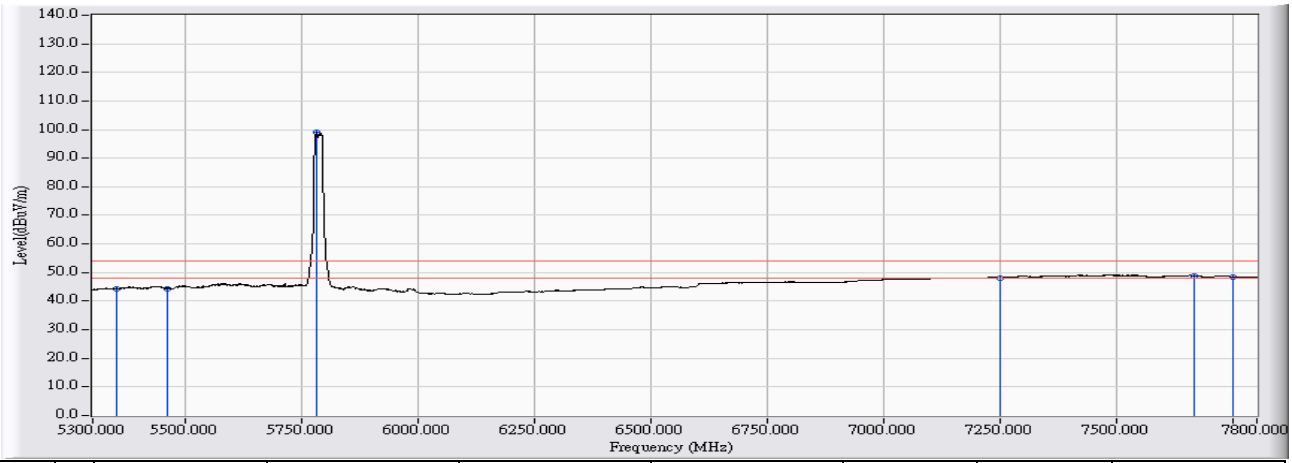


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	30.662	55.642	-18.358	74.000	PEAK
2		5460.000	25.118	31.222	56.340	-17.660	74.000	PEAK
3	*	5780.000	25.844	81.373	107.217	33.217	74.000	PEAK
4		7250.000	30.870	30.453	61.323	-12.677	74.000	PEAK
5		7510.000	31.864	31.132	62.996	-11.004	74.000	PEAK
6		7750.000	31.300	30.352	61.652	-12.348	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5785MHz**

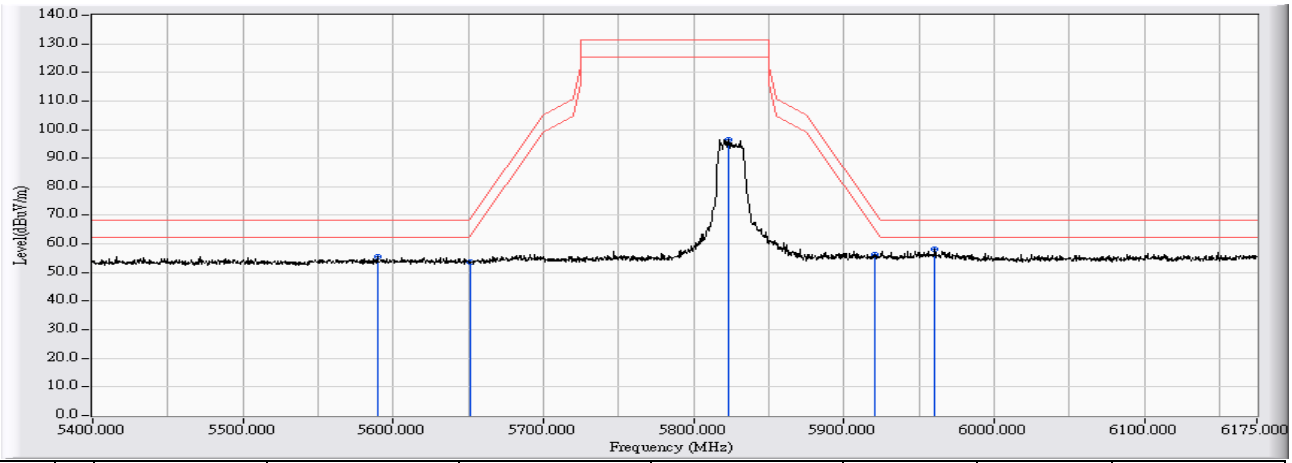


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	19.332	44.312	-9.688	54.000	AVERAGE
2		5460.000	25.118	19.168	44.286	-9.714	54.000	AVERAGE
3	*	5781.250	25.848	73.256	99.104	45.104	54.000	AVERAGE
4		7250.000	30.870	17.299	48.169	-5.831	54.000	AVERAGE
5		7665.000	31.497	17.358	48.855	-5.145	54.000	AVERAGE
6		7750.000	31.300	17.152	48.452	-5.548	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_Part15E_2016_B4_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5825MHz**

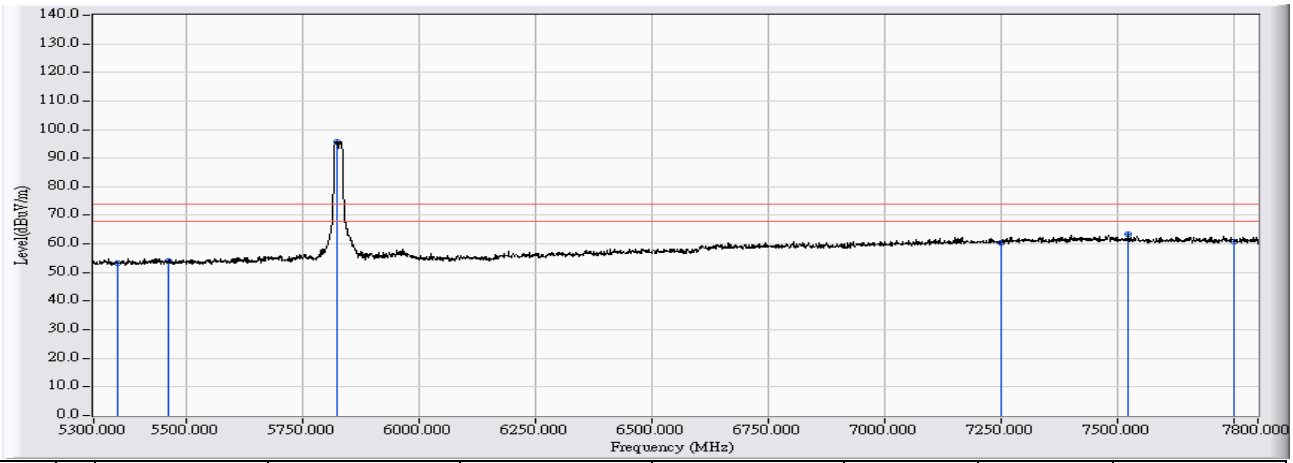


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5589.487	25.376	30.053	55.429	-12.771	68.200	PEAK
2		5651.100	25.513	28.262	53.774	-15.240	69.014	PEAK
3		5823.537	25.965	70.607	96.573	-34.627	131.200	PEAK
4		5920.800	26.226	30.177	56.403	-14.905	71.308	PEAK
5	*	5960.712	26.313	31.767	58.081	-10.119	68.200	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5825MHz**

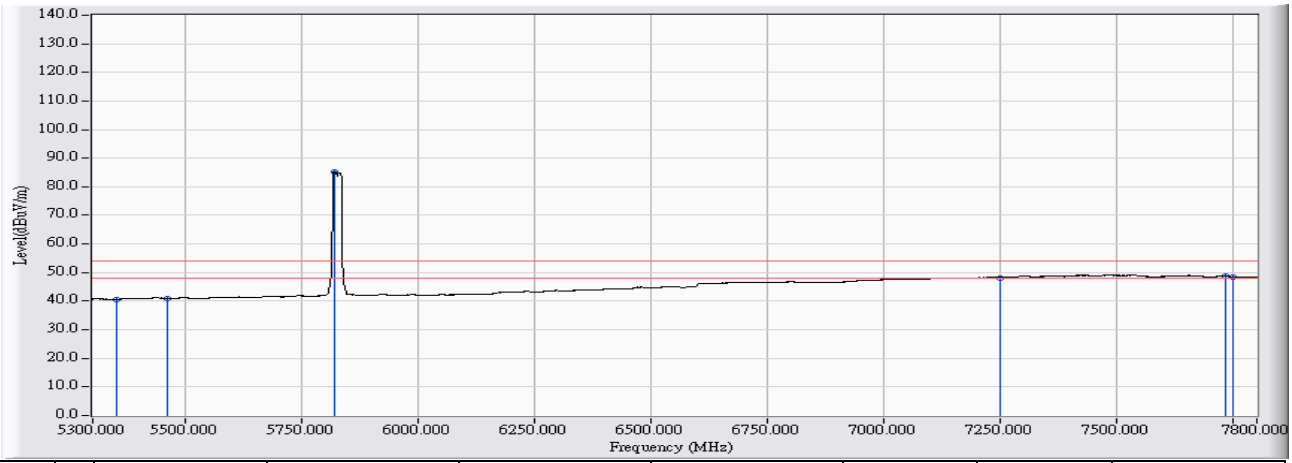


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	28.338	53.318	-20.682	74.000	PEAK
2		5460.000	25.118	28.886	54.004	-19.996	74.000	PEAK
3	*	5823.750	25.967	69.877	95.844	21.844	74.000	PEAK
4		7250.000	30.870	29.650	60.520	-13.480	74.000	PEAK
5		7521.250	31.841	31.635	63.475	-10.525	74.000	PEAK
6		7750.000	31.300	29.380	60.680	-13.320	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5825MHz**

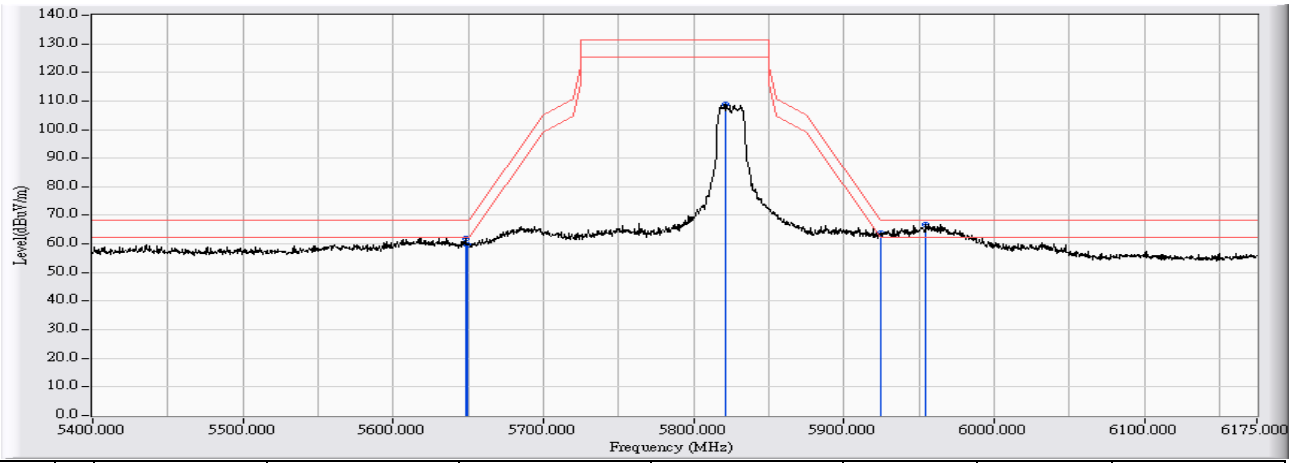


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	15.662	40.642	-13.358	54.000	AVERAGE
2		5460.000	25.118	15.746	40.864	-13.136	54.000	AVERAGE
3	*	5820.000	25.956	59.393	85.349	31.349	54.000	AVERAGE
4		7250.000	30.870	17.359	48.229	-5.771	54.000	AVERAGE
5		7731.250	31.342	17.413	48.755	-5.245	54.000	AVERAGE
6		7750.000	31.300	17.176	48.476	-5.524	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_Part15E_2016_B4_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5825MHz**

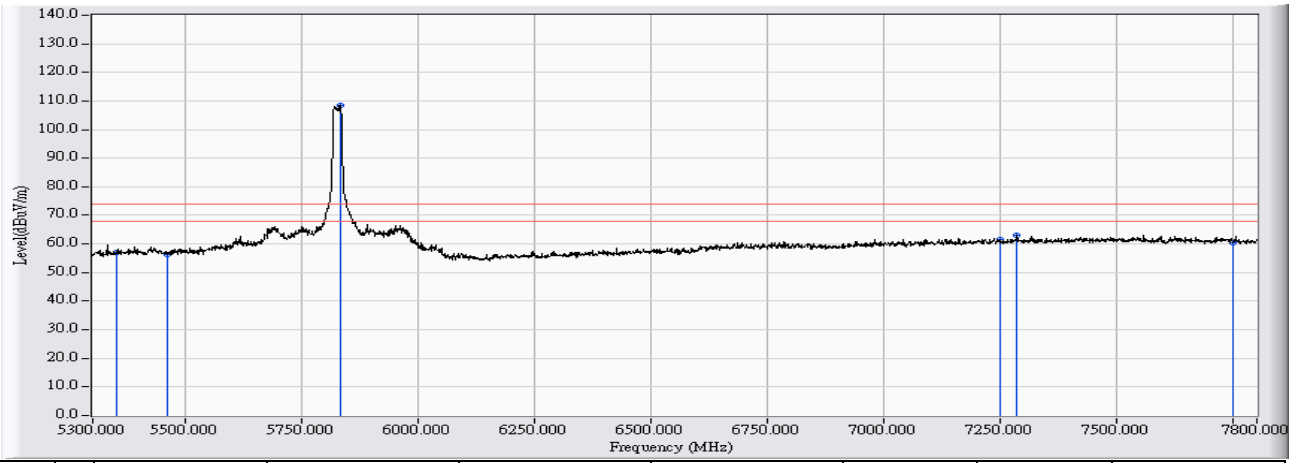


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5648.000	25.506	36.572	62.078	-6.122	68.200	PEAK
2		5649.162	25.508	34.044	59.552	-8.648	68.200	PEAK
3		5820.825	25.959	82.894	108.852	-22.348	131.200	PEAK
4		5924.675	26.234	37.739	63.973	-4.467	68.440	PEAK
5	*	5954.900	26.300	40.684	66.985	-1.215	68.200	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5825MHz**

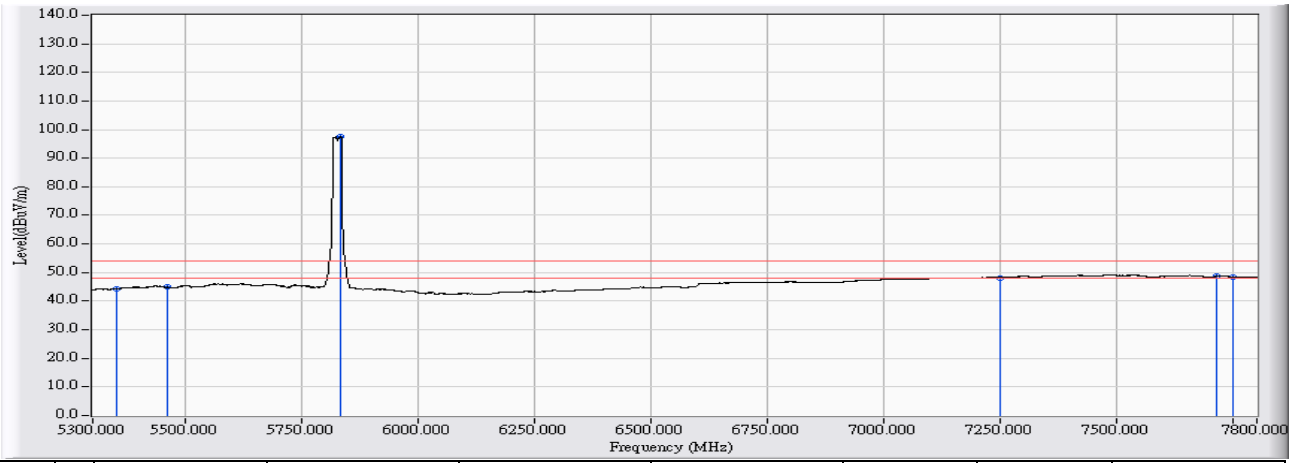


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	32.112	57.092	-16.908	74.000	PEAK
2		5460.000	25.118	31.072	56.190	-17.810	74.000	PEAK
3	*	5831.250	25.988	82.562	108.550	34.550	74.000	PEAK
4		7250.000	30.870	30.574	61.444	-12.556	74.000	PEAK
5		7285.000	31.008	31.865	62.874	-11.126	74.000	PEAK
6		7750.000	31.300	29.221	60.521	-13.479	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(20M)_5825MHz**

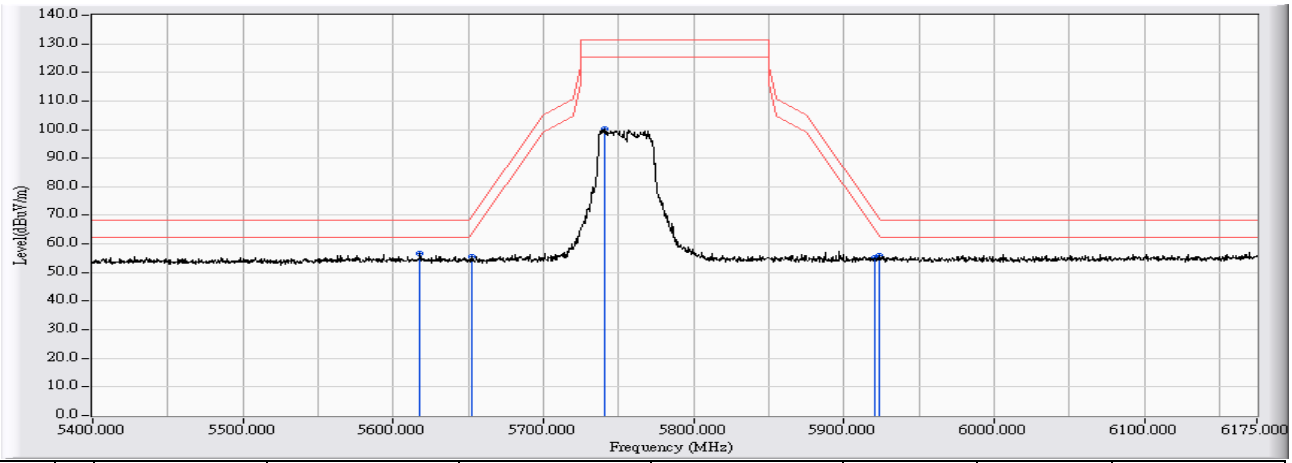


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	19.300	44.280	-9.720	54.000	AVERAGE
2		5460.000	25.118	19.768	44.886	-9.114	54.000	AVERAGE
3	*	5832.500	25.992	71.669	97.660	43.660	54.000	AVERAGE
4		7250.000	30.870	17.317	48.187	-5.813	54.000	AVERAGE
5		7715.000	31.378	17.407	48.785	-5.215	54.000	AVERAGE
6		7750.000	31.300	17.197	48.497	-5.503	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_Part15E_2016_B4_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(40M)_5755MHz**

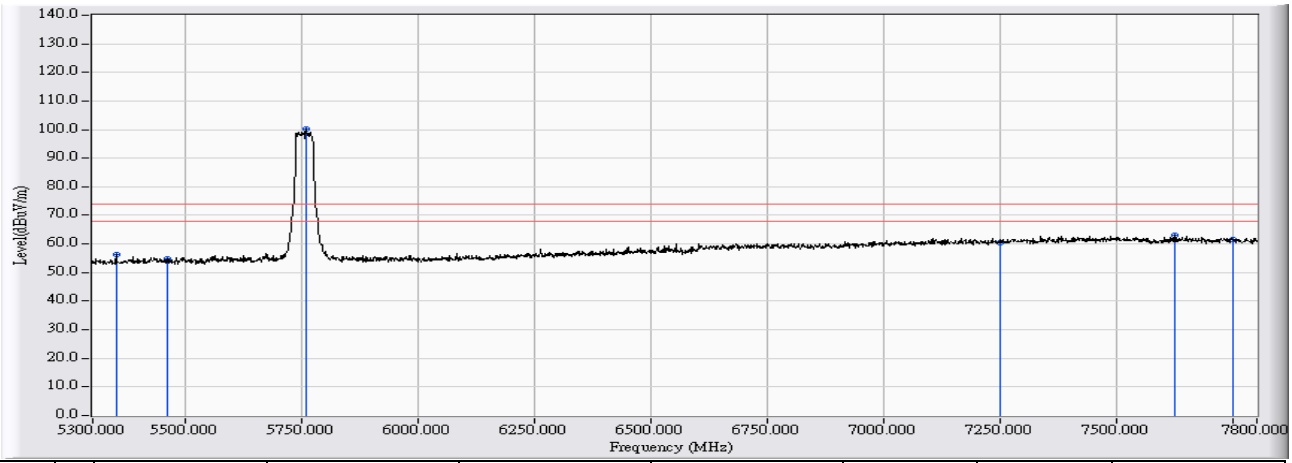


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5617.775	25.439	31.311	56.750	-11.450	68.200	PEAK
2		5652.262	25.515	30.057	55.572	-14.302	69.874	PEAK
3		5740.612	25.733	74.625	100.359	-30.841	131.200	PEAK
4		5920.412	26.225	28.911	55.136	-16.459	71.595	PEAK
5		5923.900	26.232	29.571	55.804	-13.210	69.014	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(40M)_5755MHz**

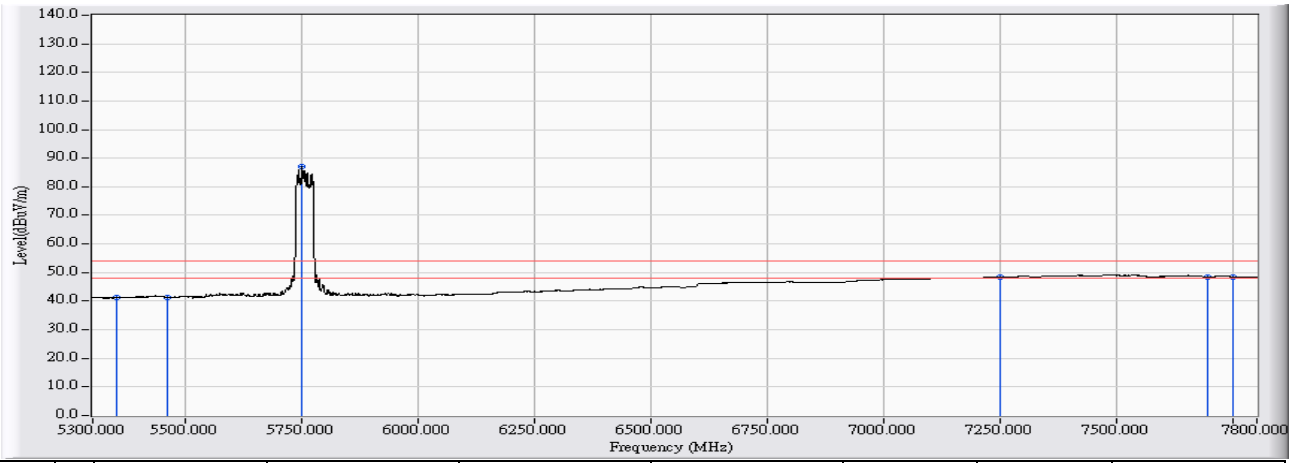


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	31.329	56.309	-17.691	74.000	PEAK
2		5460.000	25.118	29.512	54.630	-19.370	74.000	PEAK
3	*	5757.500	25.781	74.381	100.162	26.162	74.000	PEAK
4		7250.000	30.870	29.672	60.542	-13.458	74.000	PEAK
5		7625.000	31.595	31.298	62.893	-11.107	74.000	PEAK
6		7750.000	31.300	30.081	61.381	-12.619	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(40M)_5755MHz**

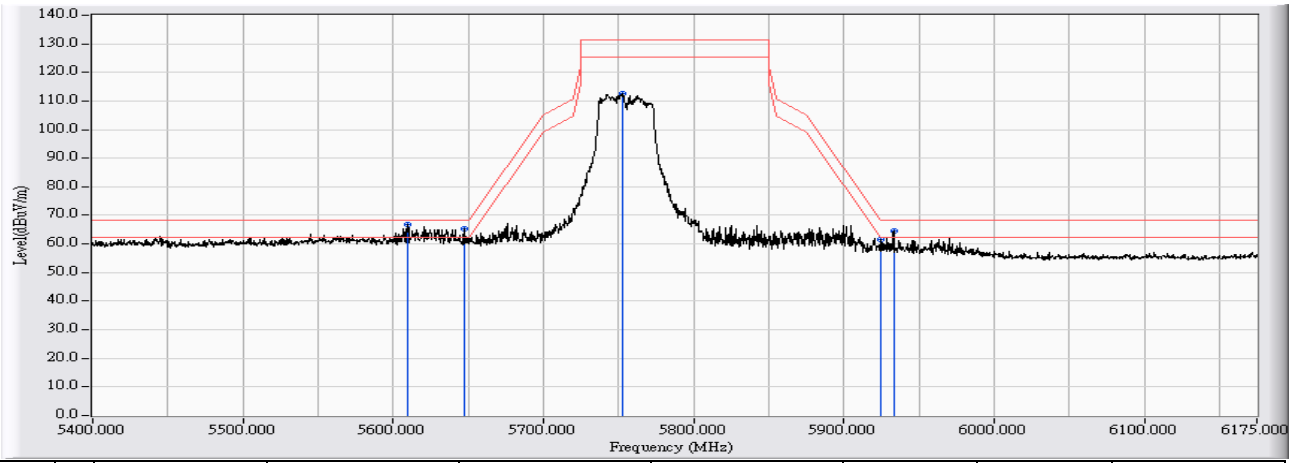


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	16.170	41.150	-12.850	54.000	AVERAGE
2		5460.000	25.118	16.225	41.343	-12.657	54.000	AVERAGE
3	*	5748.750	25.756	61.432	87.189	33.189	54.000	AVERAGE
4		7250.000	30.870	17.430	48.300	-5.700	54.000	AVERAGE
5		7693.750	31.427	17.030	48.457	-5.543	54.000	AVERAGE
6		7750.000	31.300	17.262	48.562	-5.438	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_Part15E_2016_B4_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(40M)_5755MHz**

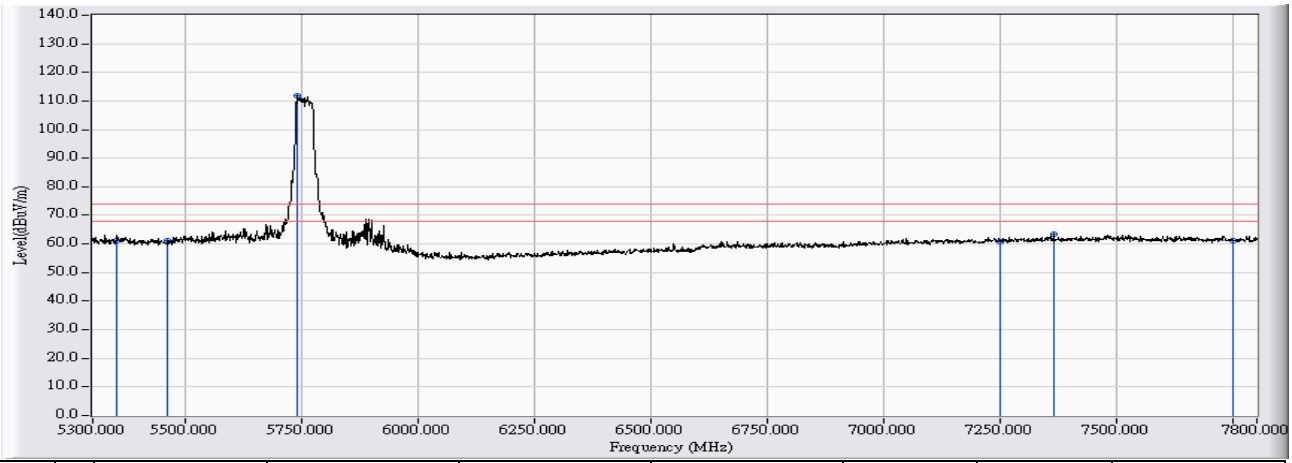


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5609.250	25.420	41.239	66.659	-1.541	68.200	PEAK
2		5647.225	25.504	39.892	65.396	-2.804	68.200	PEAK
3		5753.012	25.768	86.979	112.747	-18.453	131.200	PEAK
4		5924.287	26.233	35.224	61.457	-7.271	68.728	PEAK
5		5933.200	26.252	38.211	64.464	-3.736	68.200	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(40M)_5755MHz**

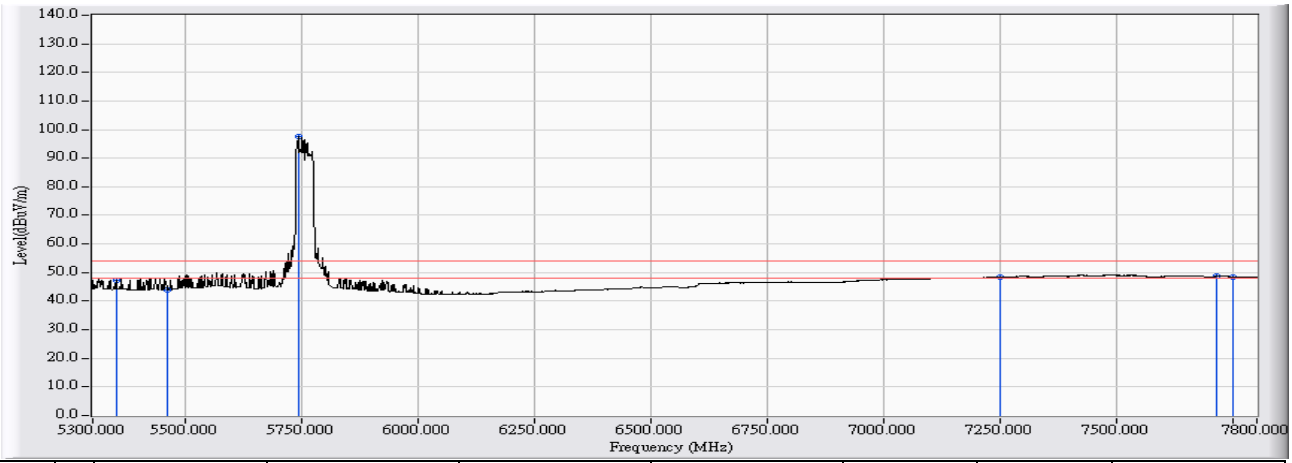


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	36.334	61.314	-12.686	74.000	PEAK
2		5460.000	25.118	36.163	61.281	-12.719	74.000	PEAK
3	*	5740.000	25.732	86.142	111.874	37.874	74.000	PEAK
4		7250.000	30.870	30.077	60.947	-13.053	74.000	PEAK
5		7363.750	31.308	32.091	63.399	-10.601	74.000	PEAK
6		7750.000	31.300	29.970	61.270	-12.730	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(40M)_5755MHz**

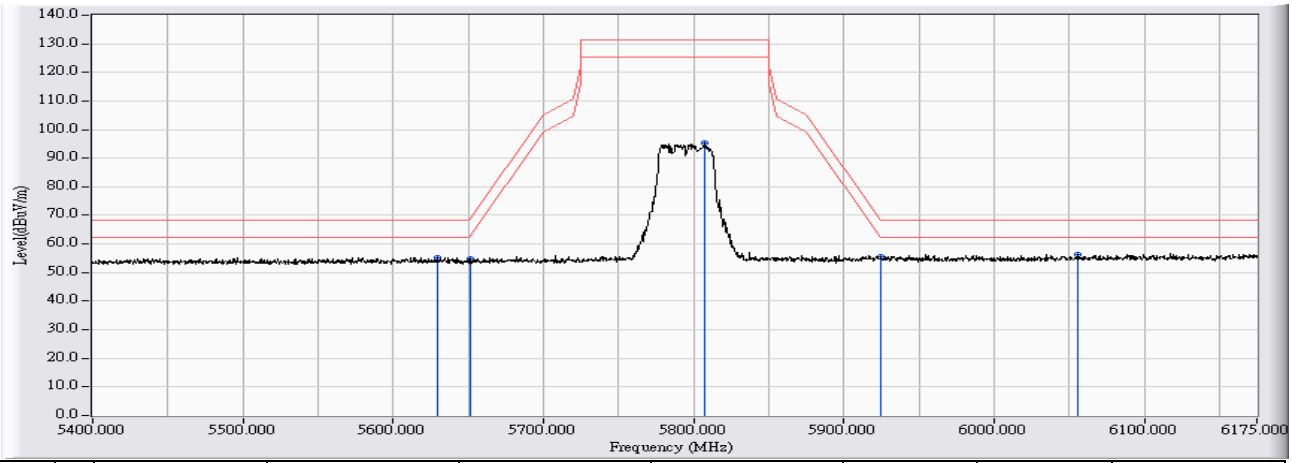


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	22.189	47.169	-6.831	54.000	AVERAGE
2		5460.000	25.118	18.930	44.048	-9.952	54.000	AVERAGE
3	*	5741.250	25.736	71.852	97.588	43.588	54.000	AVERAGE
4		7250.000	30.870	17.383	48.253	-5.747	54.000	AVERAGE
5		7715.000	31.378	17.352	48.730	-5.270	54.000	AVERAGE
6		7750.000	31.300	17.232	48.532	-5.468	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_Part15E_2016_B4_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(40M)_5795MHz**

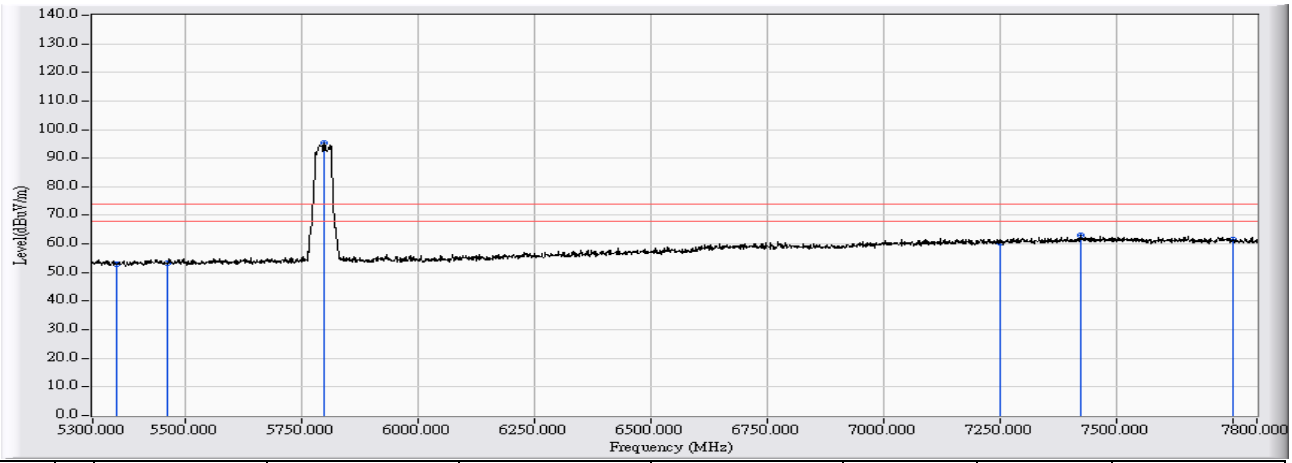


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5629.400	25.465	29.757	55.222	-12.978	68.200	PEAK
2		5651.100	25.513	29.186	54.698	-14.316	69.014	PEAK
3		5807.650	25.921	69.491	95.412	-35.788	131.200	PEAK
4		5925.062	26.236	29.477	55.712	-12.488	68.200	PEAK
5	*	6055.650	26.690	29.654	56.343	-11.857	68.200	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(40M)_5795MHz**

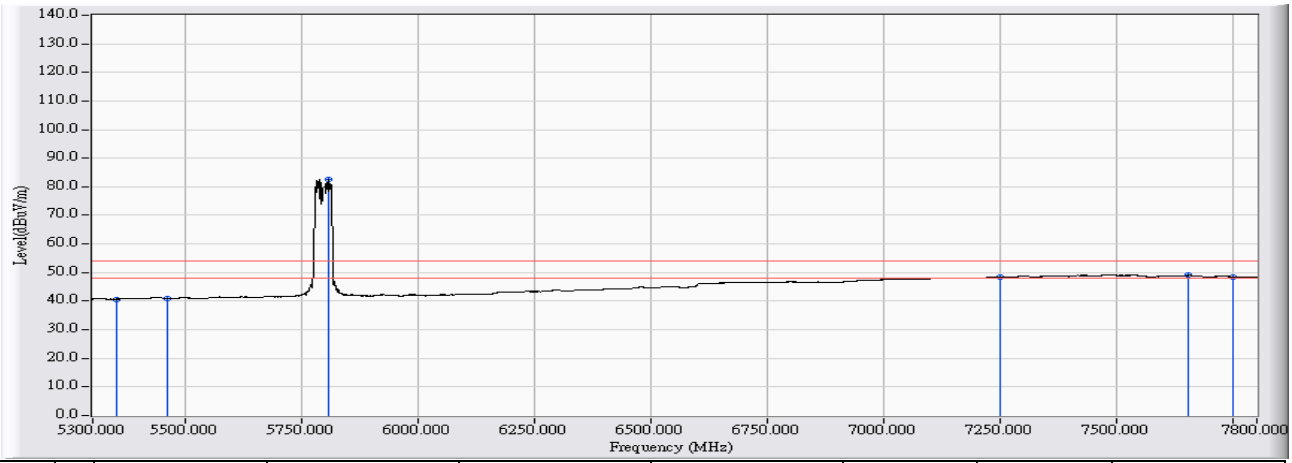


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	27.789	52.769	-21.231	74.000	PEAK
2		5460.000	25.118	28.286	53.404	-20.596	74.000	PEAK
3	*	5797.500	25.893	69.394	95.287	21.287	74.000	PEAK
4		7250.000	30.870	29.625	60.495	-13.505	74.000	PEAK
5		7421.250	31.539	31.512	63.051	-10.949	74.000	PEAK
6		7750.000	31.300	30.089	61.389	-12.611	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(40M)_5795MHz**

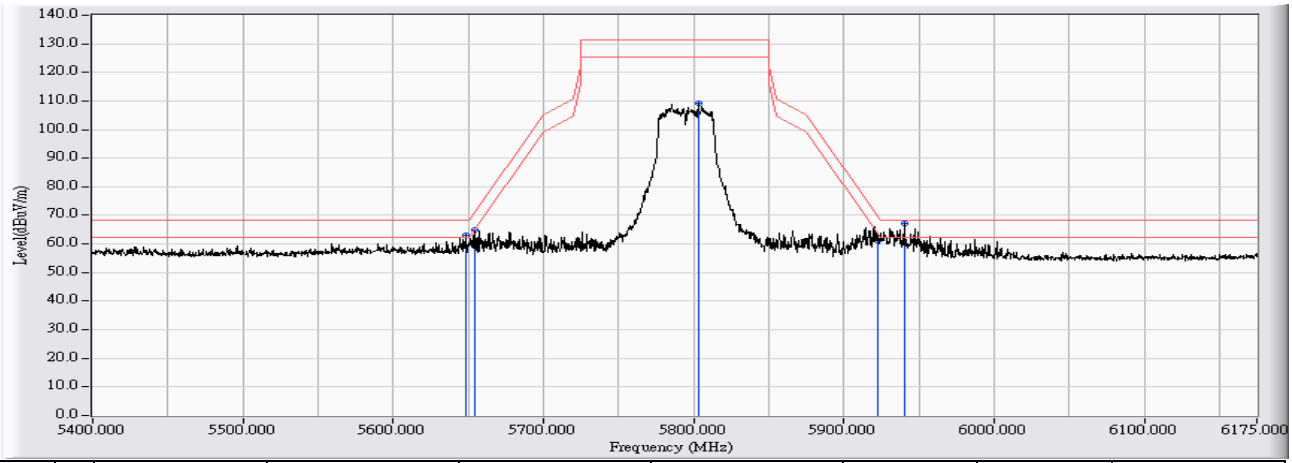


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	15.678	40.658	-13.342	54.000	AVERAGE
2		5460.000	25.118	15.815	40.933	-13.067	54.000	AVERAGE
3	*	5805.000	25.914	56.703	82.617	28.617	54.000	AVERAGE
4		7250.000	30.870	17.394	48.264	-5.736	54.000	AVERAGE
5		7651.250	31.532	17.465	48.996	-5.004	54.000	AVERAGE
6		7750.000	31.300	17.183	48.483	-5.517	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_Part15E_2016_B4_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(40M)_5795MHz**

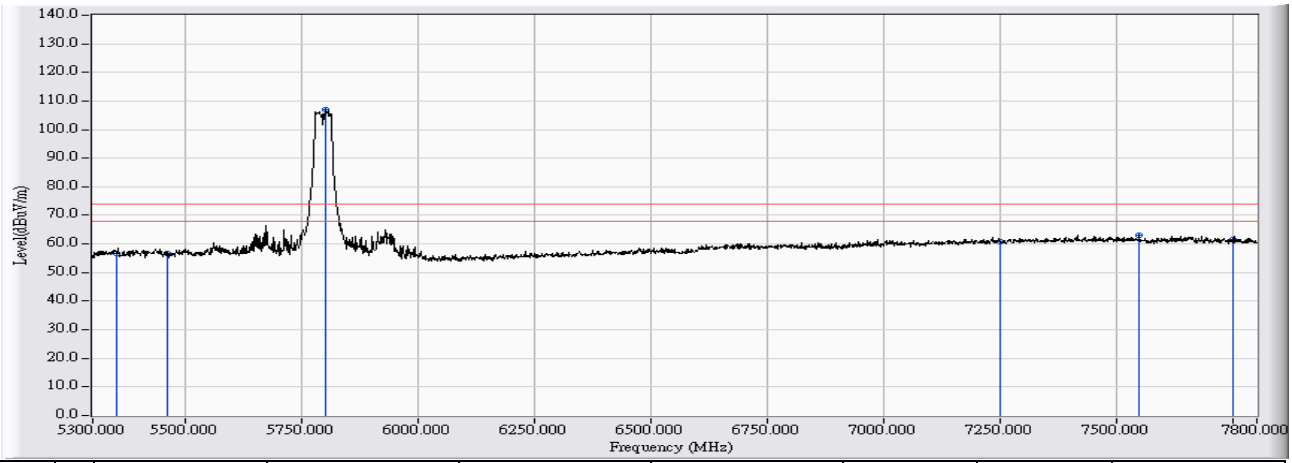


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5648.000	25.506	37.491	62.997	-5.203	68.200	PEAK
2		5654.200	25.519	39.510	65.029	-6.279	71.308	PEAK
3		5803.387	25.909	83.207	109.116	-22.084	131.200	PEAK
4		5923.125	26.230	34.786	61.017	-8.570	69.587	PEAK
5	*	5940.175	26.268	41.101	67.369	-0.831	68.200	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(40M)_5795MHz**

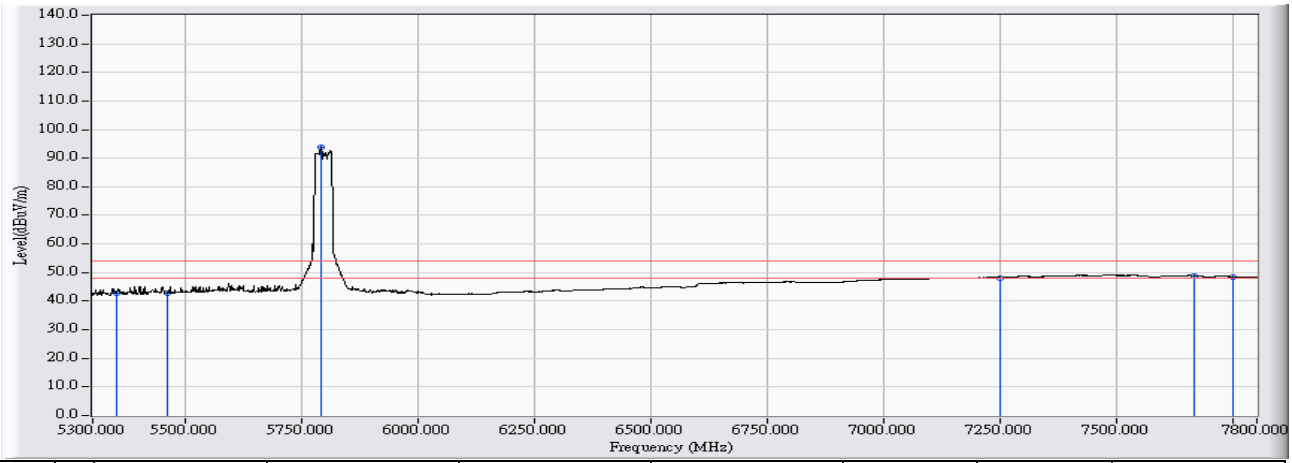


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	31.687	56.667	-17.333	74.000	PEAK
2		5460.000	25.118	31.482	56.600	-17.400	74.000	PEAK
3	*	5801.250	25.904	81.242	107.146	33.146	74.000	PEAK
4		7250.000	30.870	30.117	60.987	-13.013	74.000	PEAK
5		7547.500	31.779	31.389	63.168	-10.832	74.000	PEAK
6		7750.000	31.300	30.110	61.410	-12.590	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB4-H	**Time : 2017/03/17**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB4_FCC_EFS_B432_1-18GHz_3M_1116 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Outdoor 5G MIMO-OFDM Radio	**Note : 802.11n(40M)_5795MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	24.980	17.770	42.750	-11.250	54.000	AVERAGE
2		5460.000	25.118	17.649	42.767	-11.233	54.000	AVERAGE
3	*	5791.250	25.876	67.998	93.874	39.874	54.000	AVERAGE
4		7250.000	30.870	17.354	48.224	-5.776	54.000	AVERAGE
5		7665.000	31.497	17.426	48.923	-5.077	54.000	AVERAGE
6		7750.000	31.300	17.219	48.519	-5.481	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

8. Frequency Stability

8.1. Test Equipment

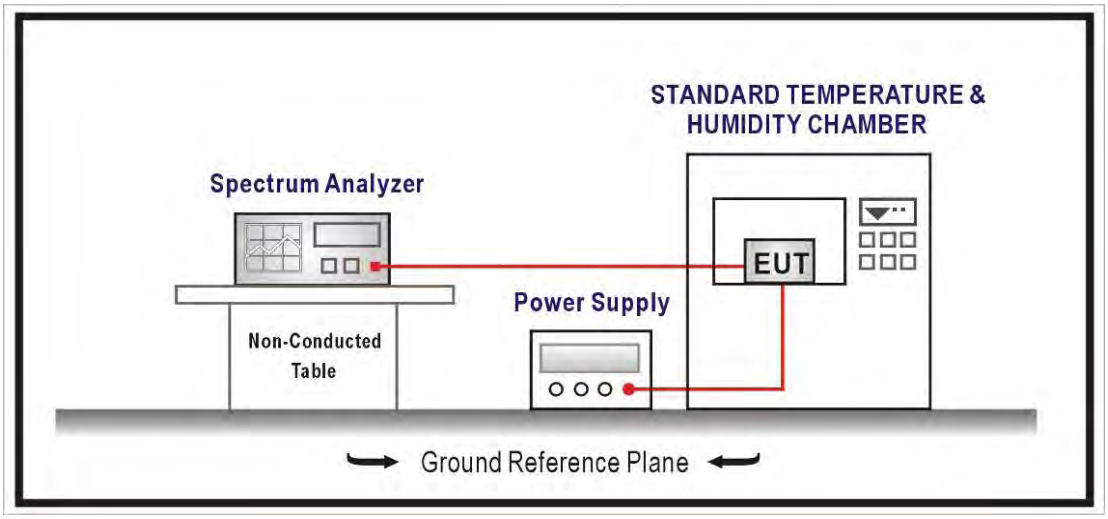
The following test equipments are used during the radiated emission tests:

Frequency Stability / SR10-H

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Temperature & Humidity Chamber	WIT	TH-1S-B	1082101	2018/01/18
Signal & Spectrum Analyzer	R&S	FSV40	101049	2018/01/05

Note: All equipments that need to calibrate are with calibration period of 1 year.

8.2. Test Setup



8.3. Limits

Manufactures of aII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified

8.4. Test Procedure

The EUT was setup to ANSI C63.10:2013; tested to U-NII test procedure of 789033 D02 V01R03 for compliance to FCC 47CFR Subpart E requirements.

8.5. Uncertainty

The measurement uncertainty is defined as ± 150 Hz

8.6. Test Result

Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/28	Test Site	SR10-H

802.11n(20M) - 5745MHz

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5745.0071	1.2281	Pass
-10		5745.0158	2.7494	Pass
0		5744.9959	-0.7116	Pass
10		5744.9879	-2.1120	Pass
20		5744.9601	-6.9515	Pass
30		5744.9979	-0.3724	Pass
40		5744.9535	-8.0960	Pass
50		5744.9590	-7.1315	Pass

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5745.0054	0.9338	Pass
	120	5744.9925	-1.3055	Pass
	138	5744.9911	-1.5457	Pass

Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/28	Test Site	SR10-H

802.11n(20M) - 5825MHz

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5825.0193	3.3098	Pass
-10		5825.0196	3.3733	Pass
0		5824.9984	-0.2741	Pass
10		5824.9728	-4.6779	Pass
20		5824.9650	-6.0068	Pass
30		5824.9937	-1.0896	Pass
40		5824.9648	-6.0443	Pass
50		5824.9442	-9.5871	Pass

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5824.9942	-1.0018	Pass
	120	5824.9942	-0.9915	Pass
	138	5824.9997	-0.0459	Pass

Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/28	Test Site	SR10-H

802.11n(40M) - 5755MHz

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5755.0199	3.4555	Pass
-10		5755.0018	0.3194	Pass
0		5754.9825	-3.0373	Pass
10		5754.9616	-6.6710	Pass
20		5754.9949	-0.8849	Pass
30		5754.9812	-3.2596	Pass
40		5754.9546	-7.8925	Pass
50		5754.9463	-9.3386	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5754.9969	-0.5405	Pass
	120	5754.9962	-0.6523	Pass
	138	5754.9927	-1.2636	Pass

Product	Outdoor 5G MIMO-OFDM Radio		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit		
Date of Test	2017/03/28	Test Site	SR10-H

802.11n(40M) - 5795MHz

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5795.0215	3.7154	Pass
-10		5795.0133	2.2948	Pass
0		5794.9978	-0.3784	Pass
10		5794.9860	-2.4108	Pass
20		5794.9845	-2.6723	Pass
30		5794.9835	-2.8548	Pass
40		5794.9555	-7.6793	Pass
50		5794.9485	-8.8832	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5795.0033	0.5719	Pass
	120	5794.9858	-2.4426	Pass
	138	5794.9936	-1.1034	Pass