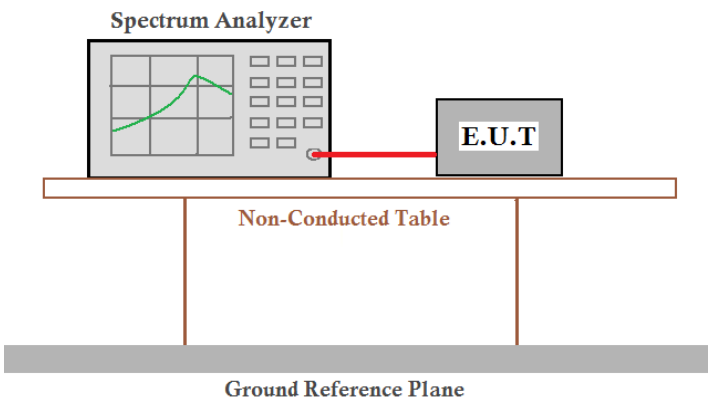


6.7 Power Spectral Density

Test Requirement:	47 CFR Part 15 Section 15.407(a)	
Test Method:	ANSI C63.10: 2013	
Test Setup:	 <i>Remark:</i> Offset the High-Frequency cable loss 1.5dB in the spectrum analyzer.	
Test Instruments:	Refer to section 5.10 for details	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCSO of rate is the worst case of 802.11n(HT20); MCSO of rate is the worst case of 802.11n(HT40); MCSO of rate is the worst case of 802.11ac(HT20); MCSO of rate is the worst case of 802.11ac(HT40); MCSO of rate is the worst case of 802.11ac(HT80) Only the worst case is recorded in the report.	
Limit:	Frequency Band	Limit
	5150-5250MHz	The power spectral density less than 11dBm/1MHz
	5250-5350MHz	The power spectral density less than 11dBm/1MHz
	5470-5725MHz	The power spectral density less than 11dBm/1MHz
	5725-5850MHz	The power spectral density less than 30dBm/500kHz
Test Results:	Pass	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 162 of 345

Measurement Data:

802.11a mode			
Frequency (MHz)	Power Spectral Density	Limit	Result
5180	2.56	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5220	2.24	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5240	1.13	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5260	2.65	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5300	1.84	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5320	1.87	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5500	1.97	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5580	1.37	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5600	1.51	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5700	0.19	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5745	-2.77	$\leq 30\text{dBm}/500\text{kHz}$	Pass
5785	-3.43	$\leq 30\text{dBm}/500\text{kHz}$	Pass
5825	-3.38	$\leq 30\text{dBm}/500\text{kHz}$	Pass

802.11n(HT20) mode			
Frequency (MHz)	Power Spectral Density	Limit	Result
5180	1.31	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5220	1.37	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5240	1.40	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5260	1.18	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5280	1.76	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5320	1.91	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5500	-0.14	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5580	0.72	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5600	1.10	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5700	-0.32	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5745	-3.37	$\leq 30\text{dBm}/500\text{kHz}$	Pass
5785	-3.75	$\leq 30\text{dBm}/500\text{kHz}$	Pass
5825	-3.11	$\leq 30\text{dBm}/500\text{kHz}$	Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 163 of 345

802.11ac(HT20) mode			
Frequency (MHz)	Power Spectral Density	Limit	Result
5180	1.07	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5220	1.07	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5240	1.18	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5260	1.01	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5280	1.44	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5320	1.63	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5500	-0.18	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5580	0.92	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5600	1.28	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5700	-0.13	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5745	-3.17	$\leq 30\text{dBm}/500\text{kHz}$	Pass
5785	-3.40	$\leq 30\text{dBm}/500\text{kHz}$	Pass
5825	-3.19	$\leq 30\text{dBm}/500\text{kHz}$	Pass

802.11n(HT40) mode			
Frequency (MHz)	Power Spectral Density	Limit	Result
5190	-0.98	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5230	-0.73	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5270	-0.39	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5310	0.13	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5510	-1.89	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5550	-1.47	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5590	-0.61	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5670	-0.89	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5755	-4.94	$\leq 30\text{dBm}/500\text{kHz}$	Pass
5795	-5.13	$\leq 30\text{dBm}/500\text{kHz}$	Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 164 of 345

802.11ac(HT40) mode			
Frequency (MHz)	Power Spectral Density	Limit	Result
5190	-0.87	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5230	-0.95	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5270	-0.52	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5310	-0.28	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5510	-1.74	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5550	-1.42	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5590	-0.55	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5670	-0.69	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5755	-5.08	$\leq 30\text{dBm}/500\text{kHz}$	Pass
5795	-5.32	$\leq 30\text{dBm}/500\text{kHz}$	Pass

802.11ac(HT80) mode			
Frequency (MHz)	Power Spectral Density	Limit	Result
5120	-4.48	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5290	-4.06	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5530	-5.39	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5610	-3.93	$\leq 11\text{dBm}/1\text{MHz}$	Pass
5775	-6.61	$\leq 30\text{dBm}/500\text{kHz}$	Pass



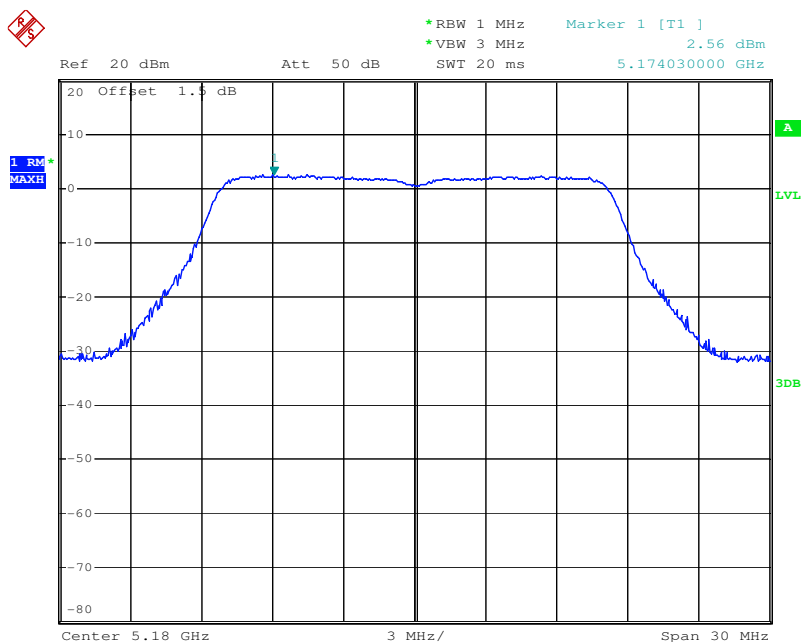
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

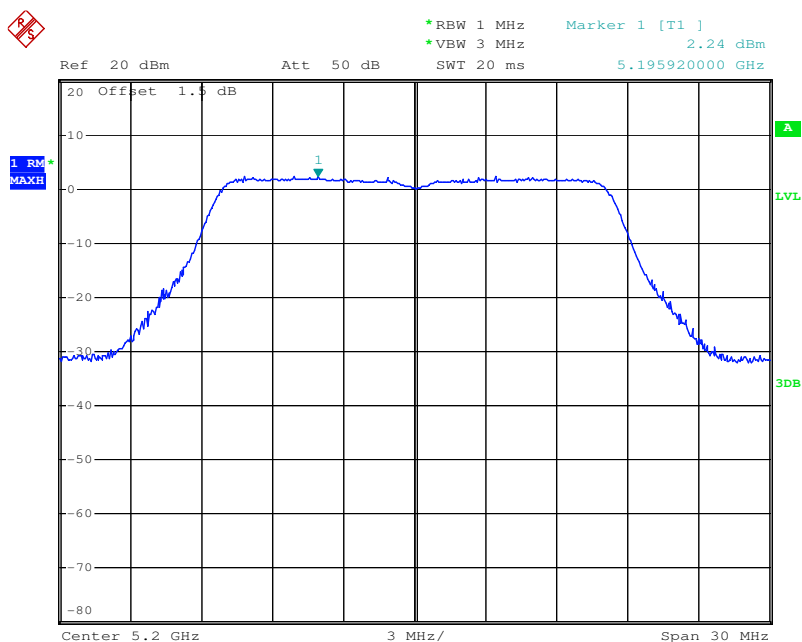
Page: 165 of 345

Test plot as follows:

Test mode:	802.11a	Frequency(MHz):	5180
------------	---------	-----------------	------



Test mode:	802.11a	Frequency(MHz):	5220
------------	---------	-----------------	------



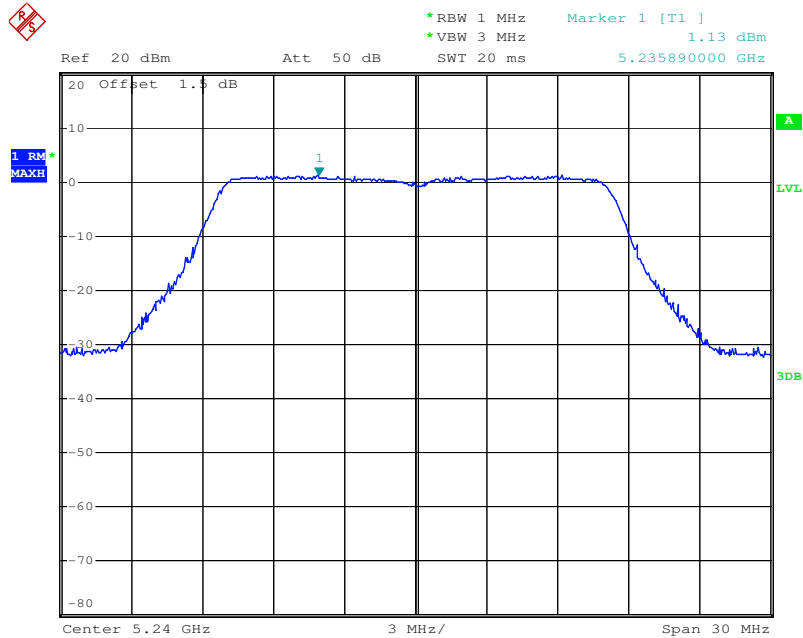


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

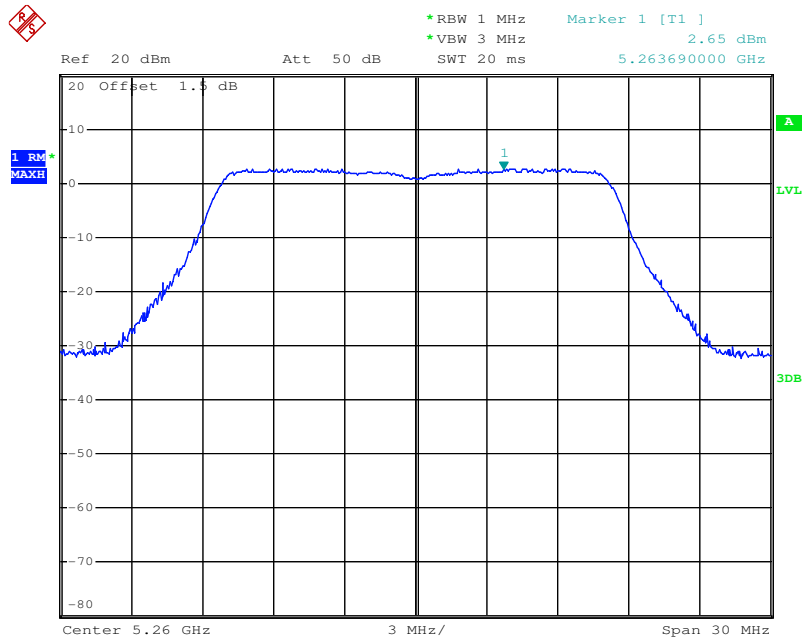
Report No.: SZEM160700630905

Page: 166 of 345

Test mode:	802.11a	Frequency(MHz):	5240
------------	---------	-----------------	------



Test mode:	802.11a	Frequency(MHz):	5260
------------	---------	-----------------	------



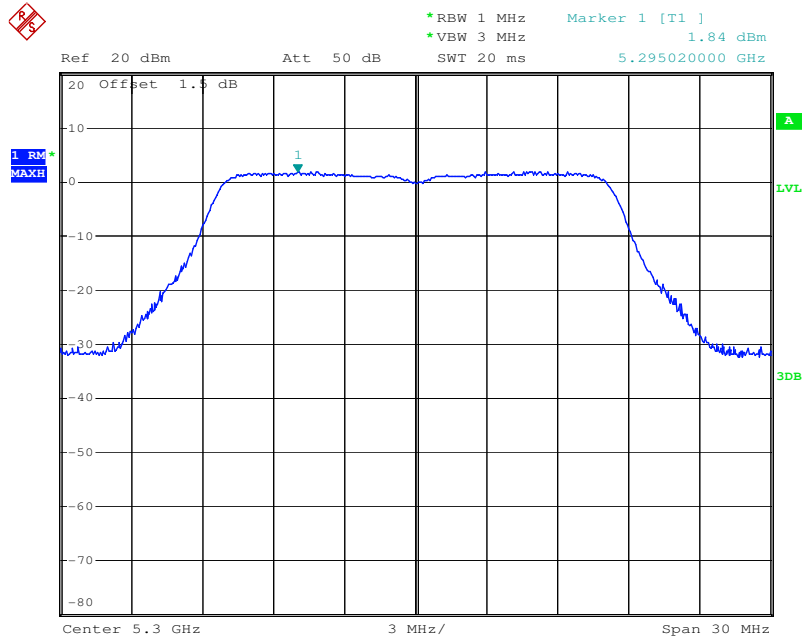


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

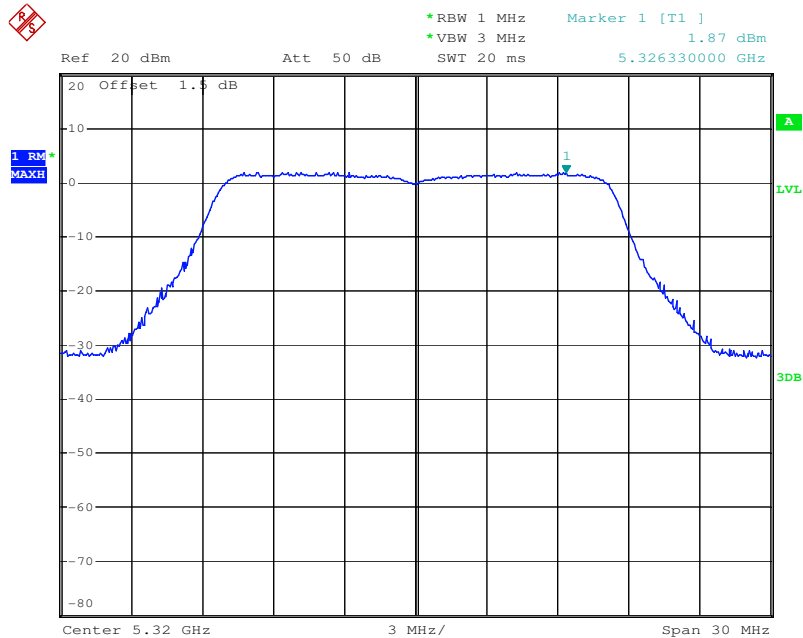
Report No.: SZEM160700630905

Page: 167 of 345

Test mode:	802.11a	Frequency(MHz):	5300
------------	---------	-----------------	------



Test mode:	802.11a	Frequency(MHz):	5320
------------	---------	-----------------	------



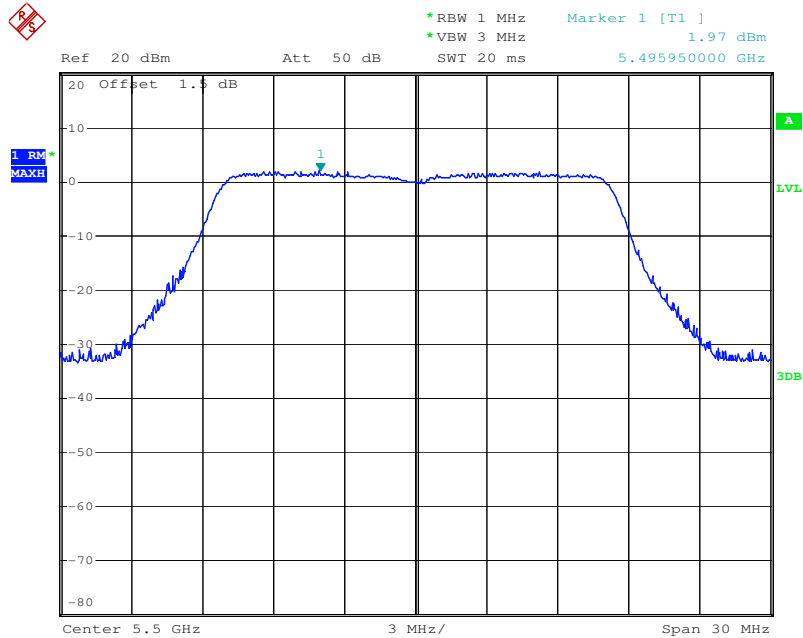


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

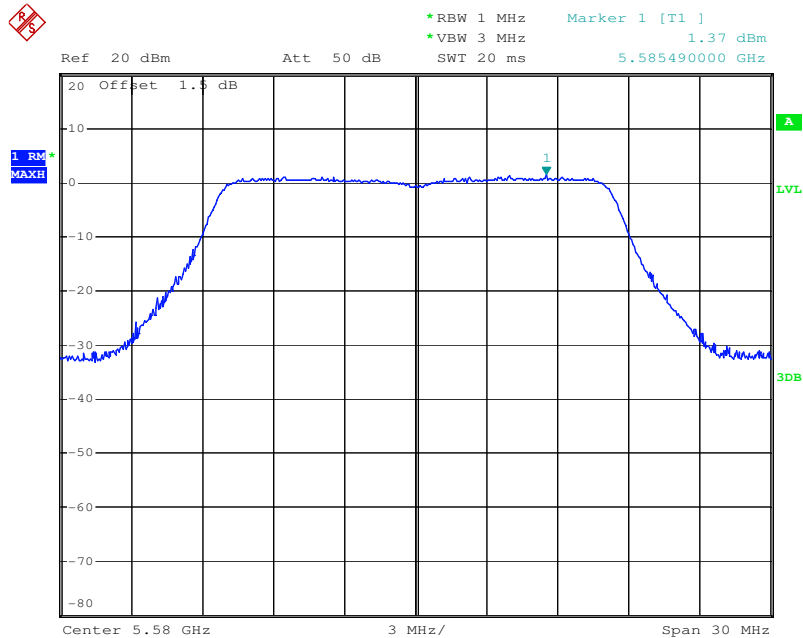
Report No.: SZEM160700630905

Page: 168 of 345

Test mode:	802.11a	Frequency(MHz):	5500
------------	---------	-----------------	------



Test mode:	802.11a	Frequency(MHz):	5580
------------	---------	-----------------	------



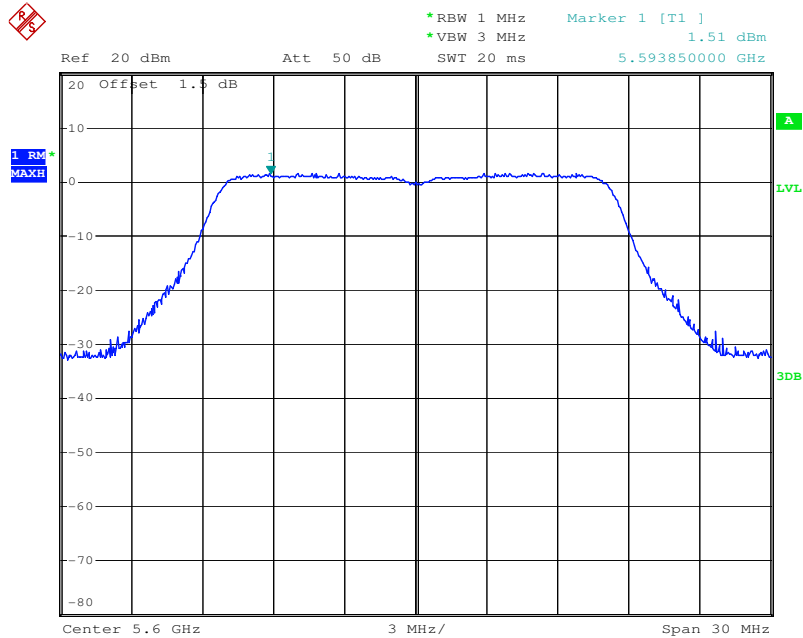


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

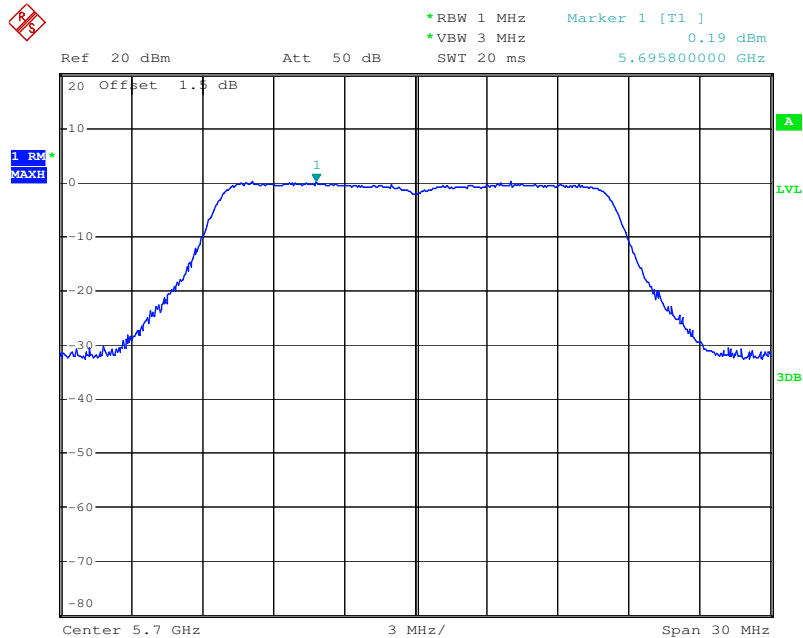
Report No.: SZEM160700630905

Page: 169 of 345

Test mode:	802.11a	Frequency(MHz):	5600
------------	---------	-----------------	------



Test mode:	802.11a	Frequency(MHz):	5700
------------	---------	-----------------	------



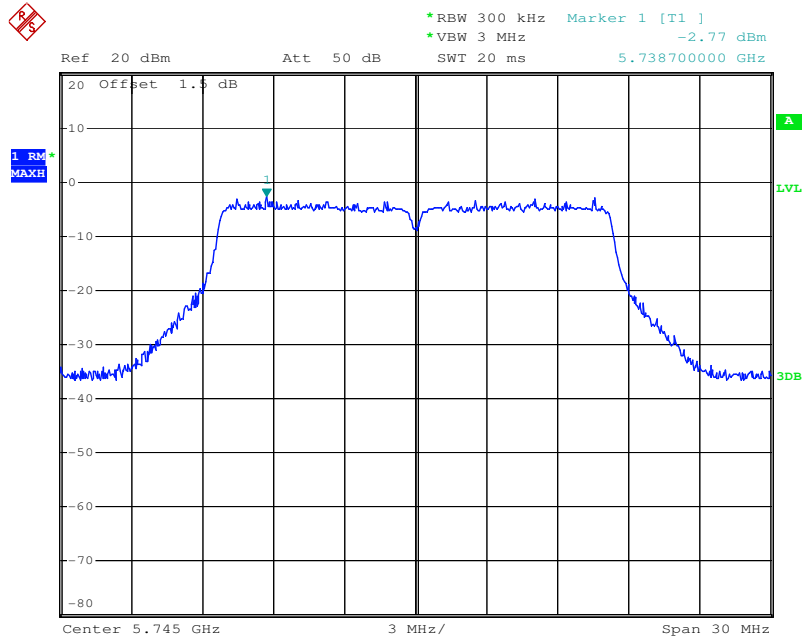


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

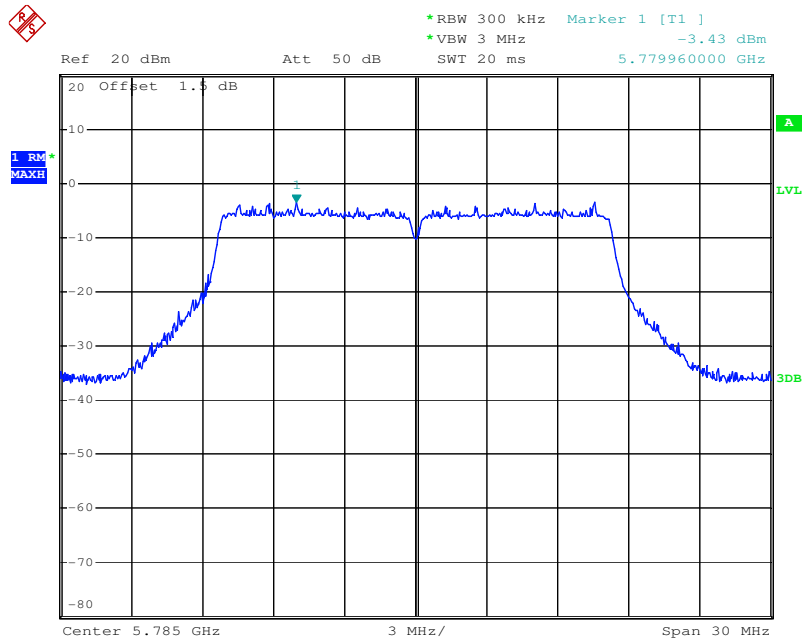
Report No.: SZEM160700630905

Page: 170 of 345

Test mode:	802.11a	Frequency(MHz):	5745
------------	---------	-----------------	------



Test mode:	802.11a	Frequency(MHz):	5785
------------	---------	-----------------	------



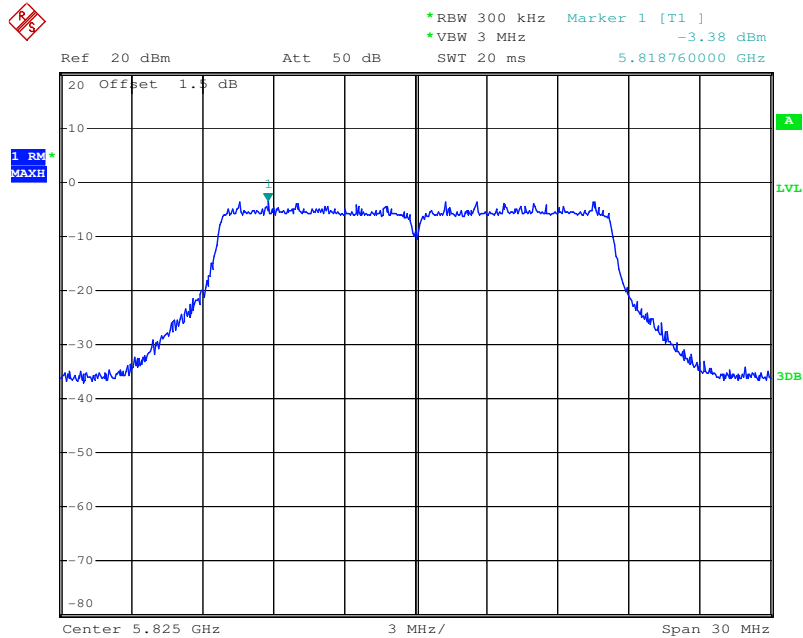


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

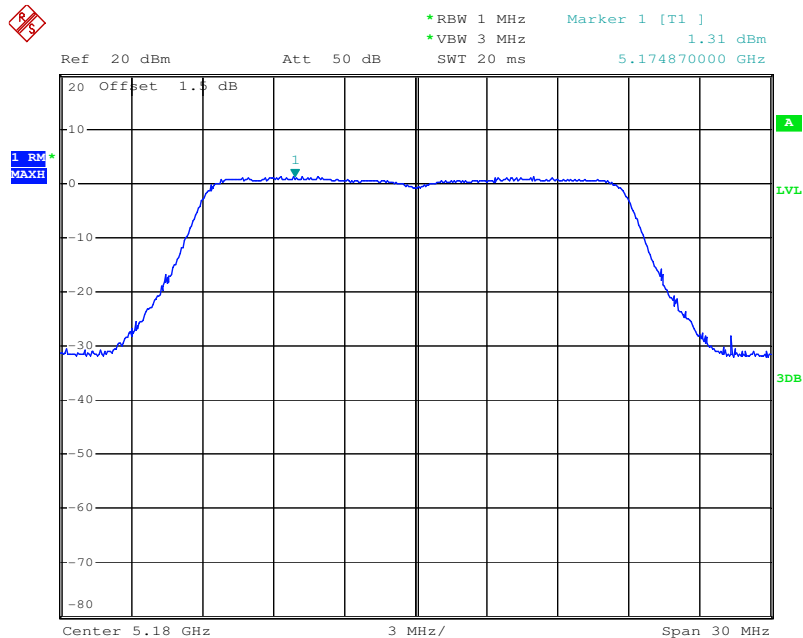
Report No.: SZEM160700630905

Page: 171 of 345

Test mode:	802.11a	Frequency(MHz):	5825
------------	---------	-----------------	------



Test mode:	802.11n(HT20)	Frequency(MHz):	5180
------------	---------------	-----------------	------



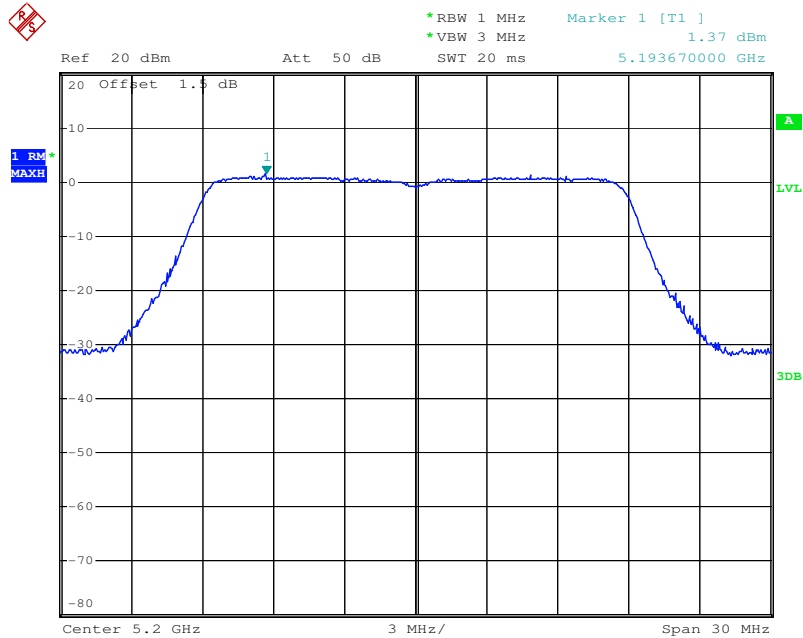


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

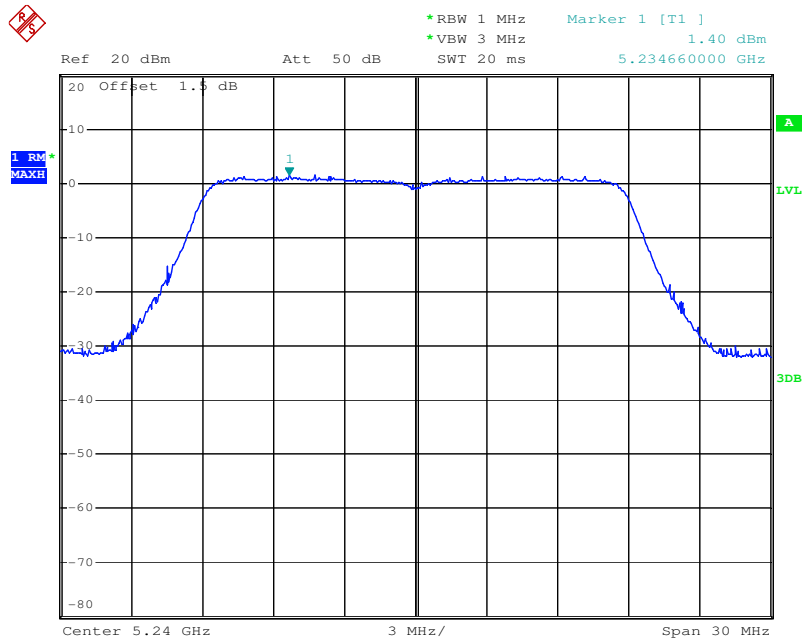
Report No.: SZEM160700630905

Page: 172 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5220
------------	---------------	-----------------	------



Test mode:	802.11n(HT20)	Frequency(MHz):	5240
------------	---------------	-----------------	------



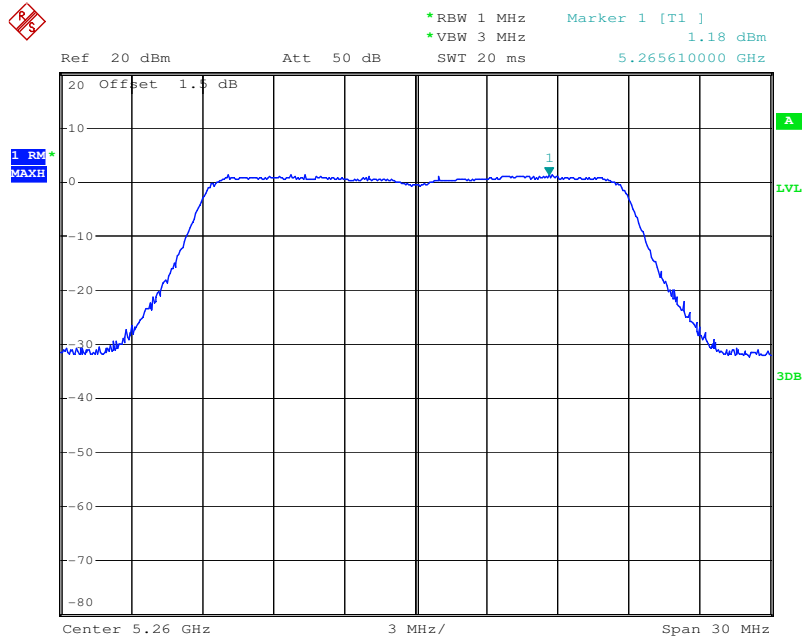


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

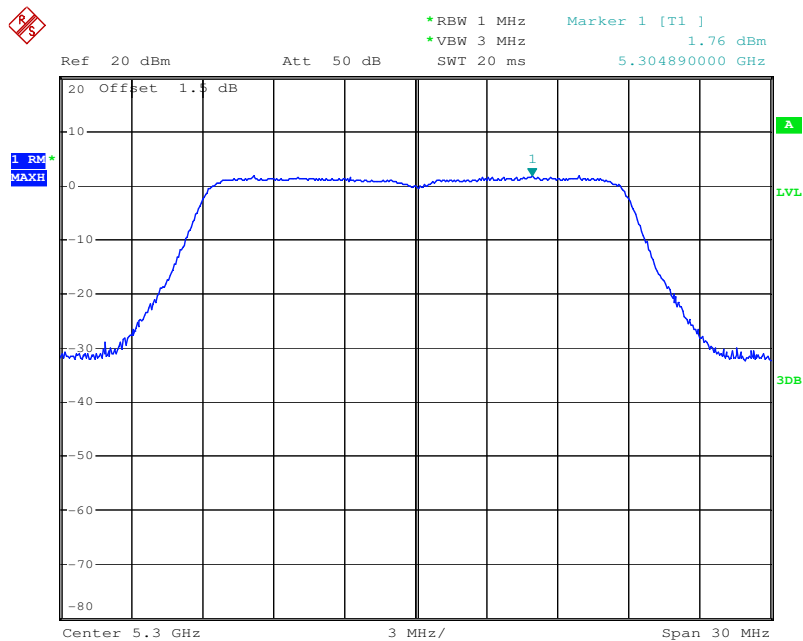
Report No.: SZEM160700630905

Page: 173 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5260
------------	---------------	-----------------	------



Test mode:	802.11n(HT20)	Frequency(MHz):	5300
------------	---------------	-----------------	------



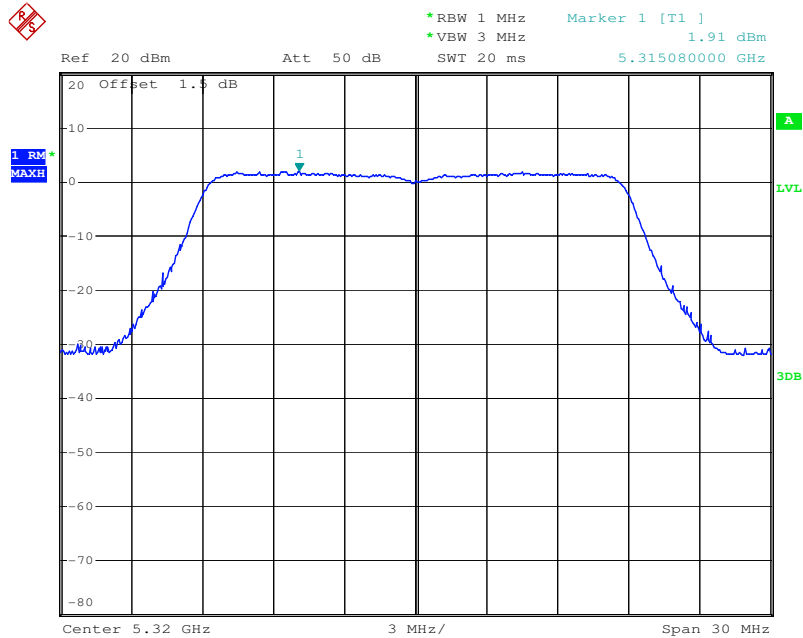


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

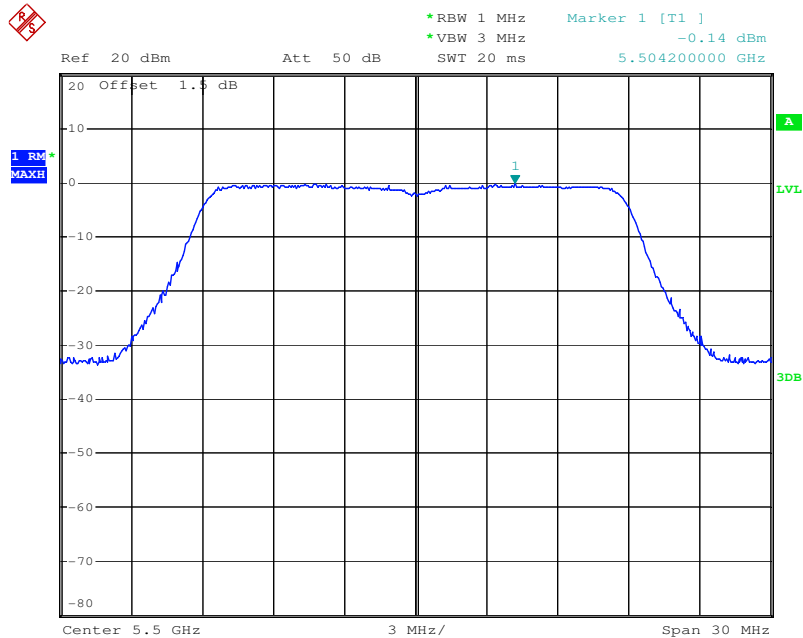
Report No.: SZEM160700630905

Page: 174 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5320
------------	---------------	-----------------	------



Test mode:	802.11n(HT20)	Frequency(MHz):	5500
------------	---------------	-----------------	------



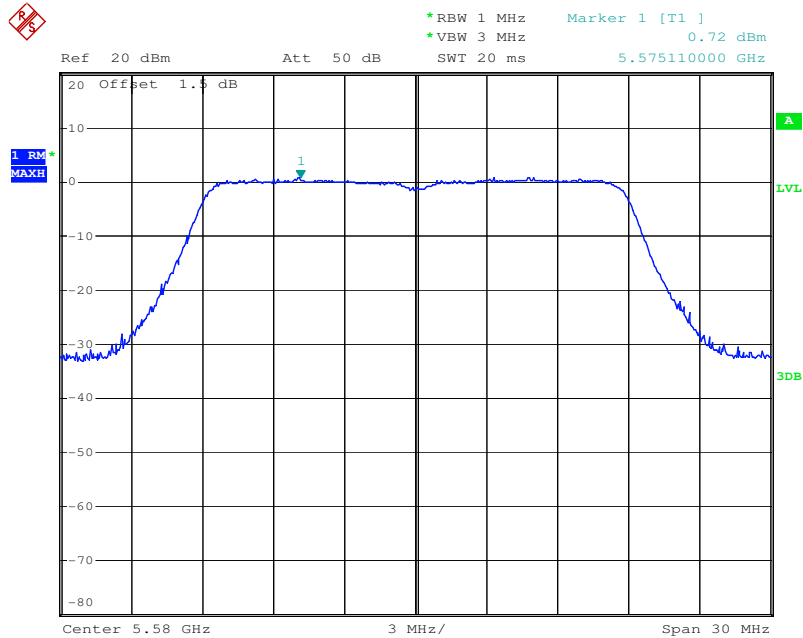


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

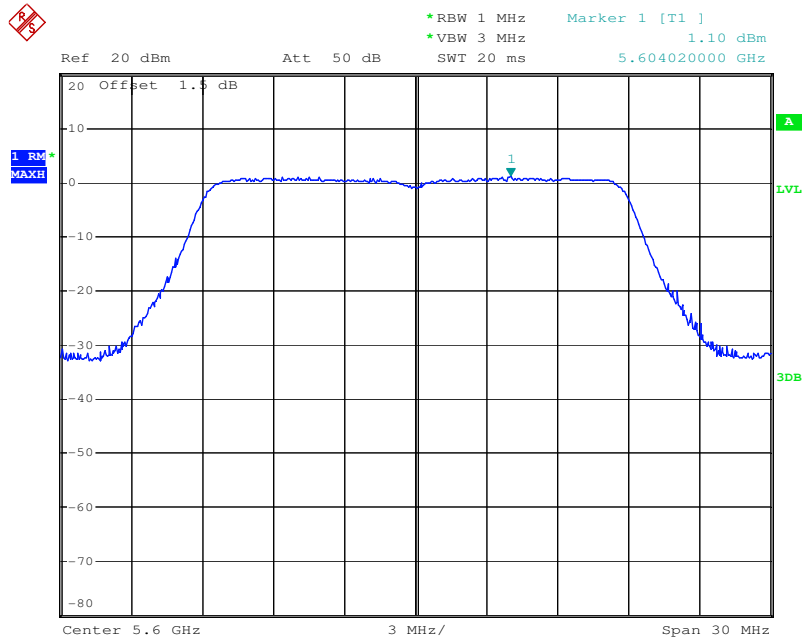
Report No.: SZEM160700630905

Page: 175 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5580
------------	---------------	-----------------	------



Test mode:	802.11n(HT20)	Frequency(MHz):	5600
------------	---------------	-----------------	------



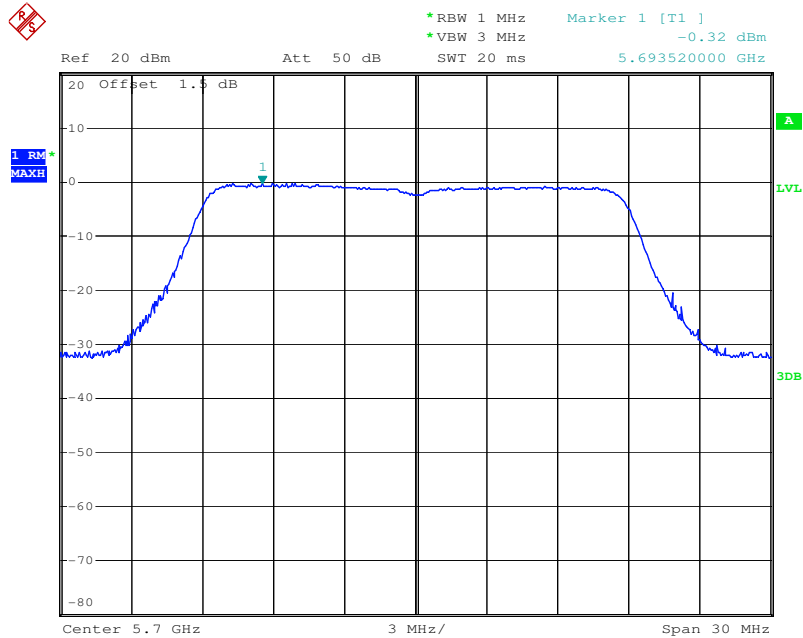


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

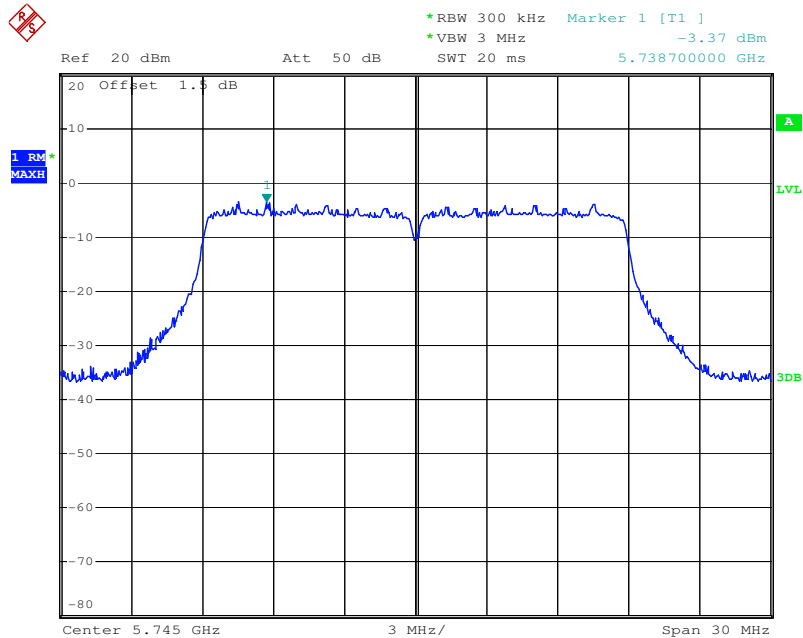
Report No.: SZEM160700630905

Page: 176 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5700
------------	---------------	-----------------	------



Test mode:	802.11n(HT20)	Frequency(MHz):	5745
------------	---------------	-----------------	------



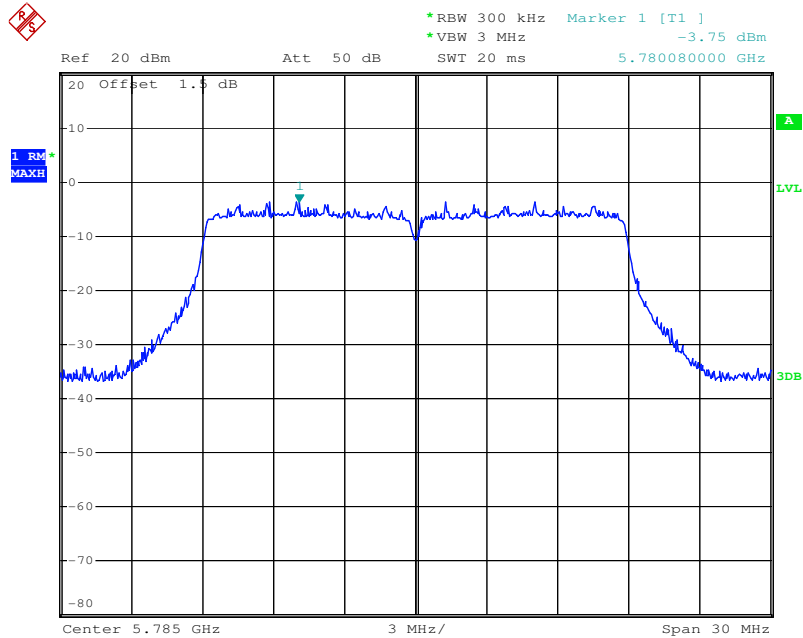


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

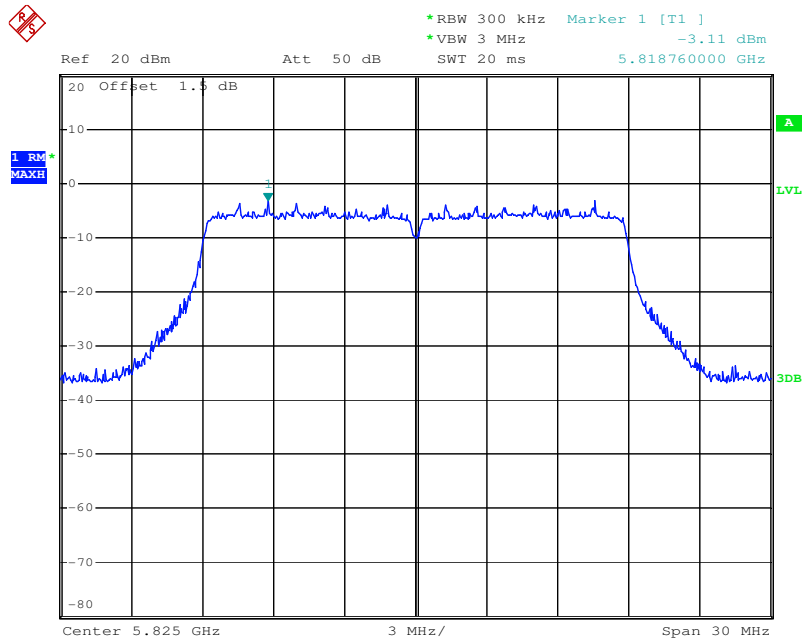
Report No.: SZEM160700630905

Page: 177 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5785
------------	---------------	-----------------	------



Test mode:	802.11n(HT20)	Frequency(MHz):	5825
------------	---------------	-----------------	------



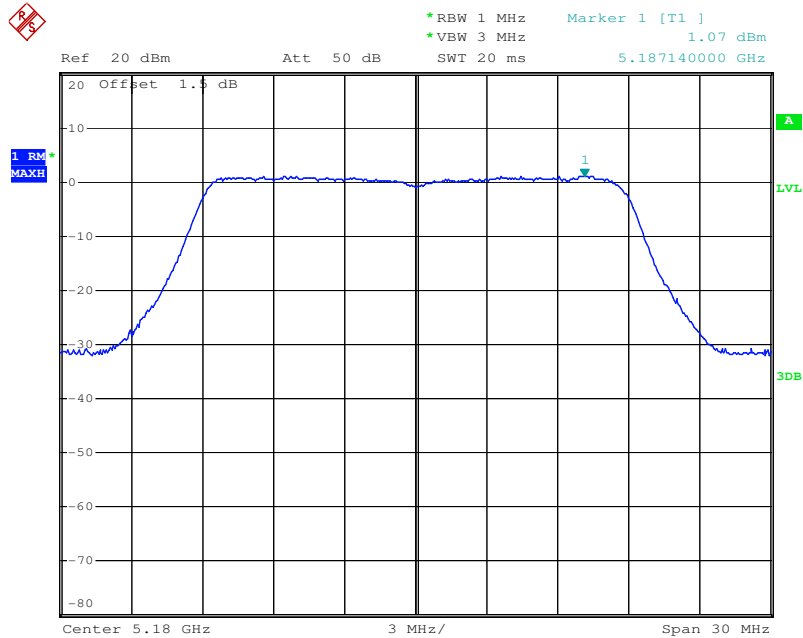


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

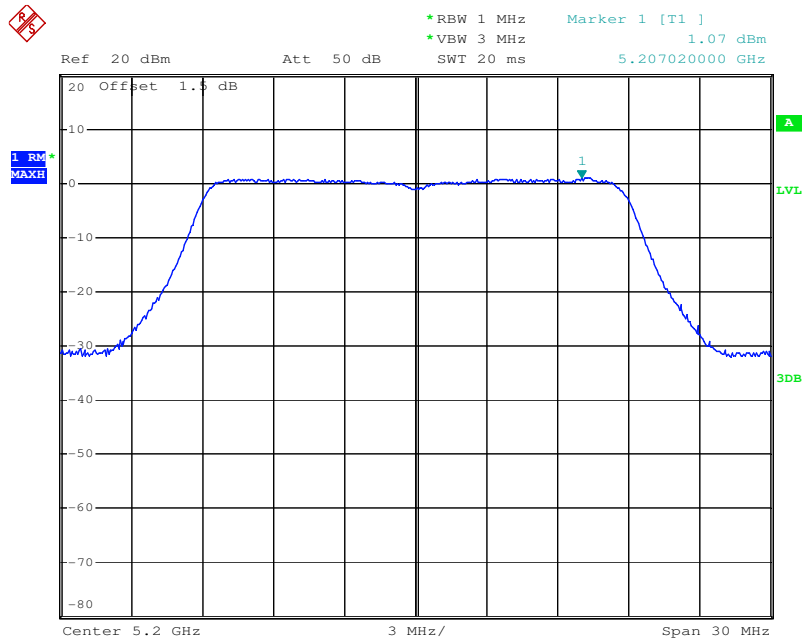
Report No.: SZEM160700630905

Page: 178 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5180
------------	----------------	-----------------	------



Test mode:	802.11ac(HT20)	Frequency(MHz):	5220
------------	----------------	-----------------	------



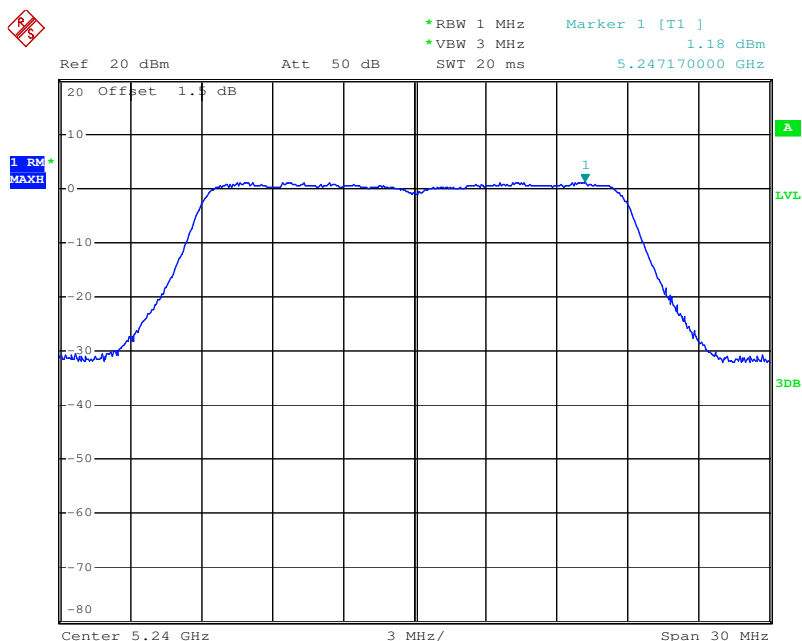


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

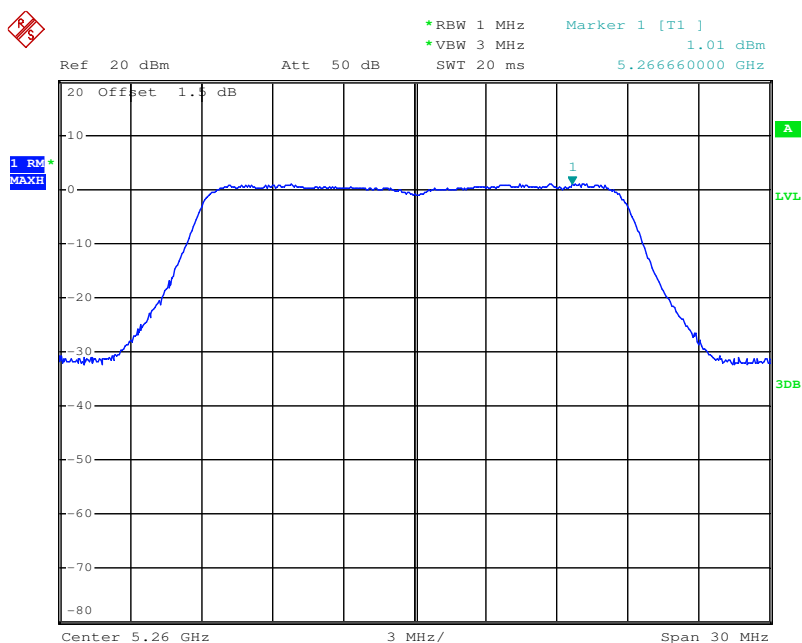
Report No.: SZEM160700630905

Page: 179 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5240
------------	----------------	-----------------	------



Test mode:	802.11ac(HT20)	Frequency(MHz):	5260
------------	----------------	-----------------	------



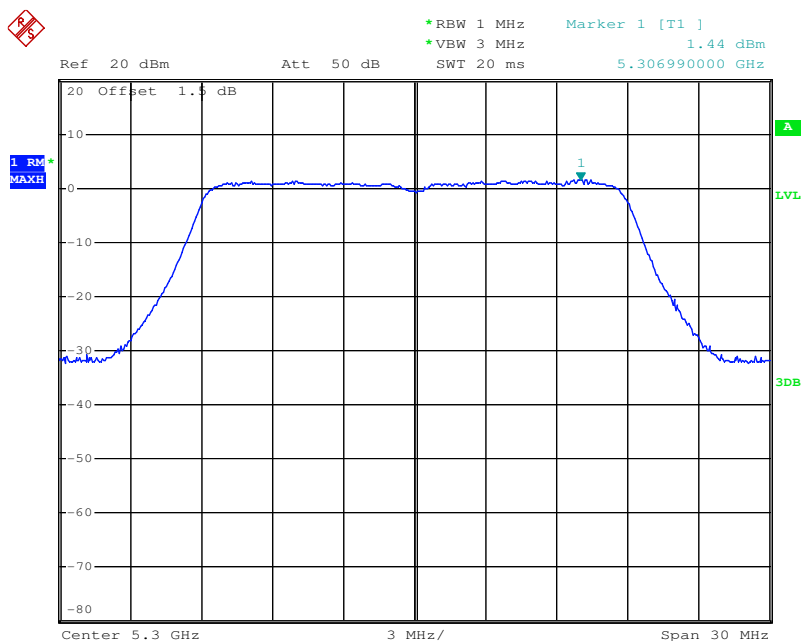


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

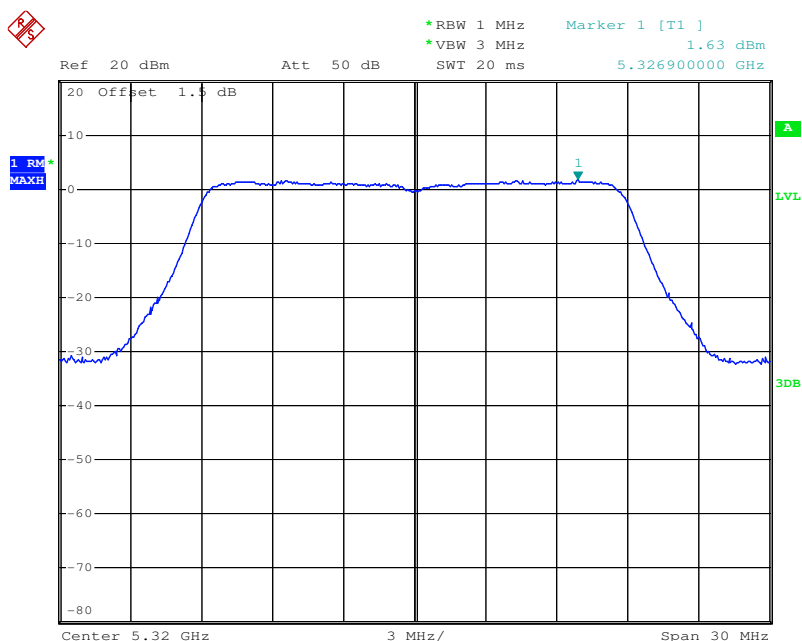
Report No.: SZEM160700630905

Page: 180 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5300
------------	----------------	-----------------	------



Test mode:	802.11ac(HT20)	Frequency(MHz):	5320
------------	----------------	-----------------	------



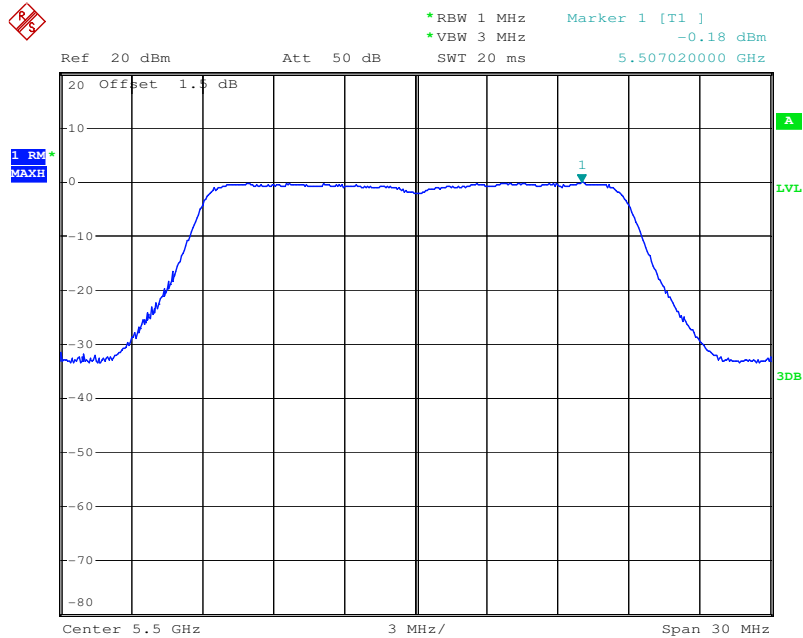


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

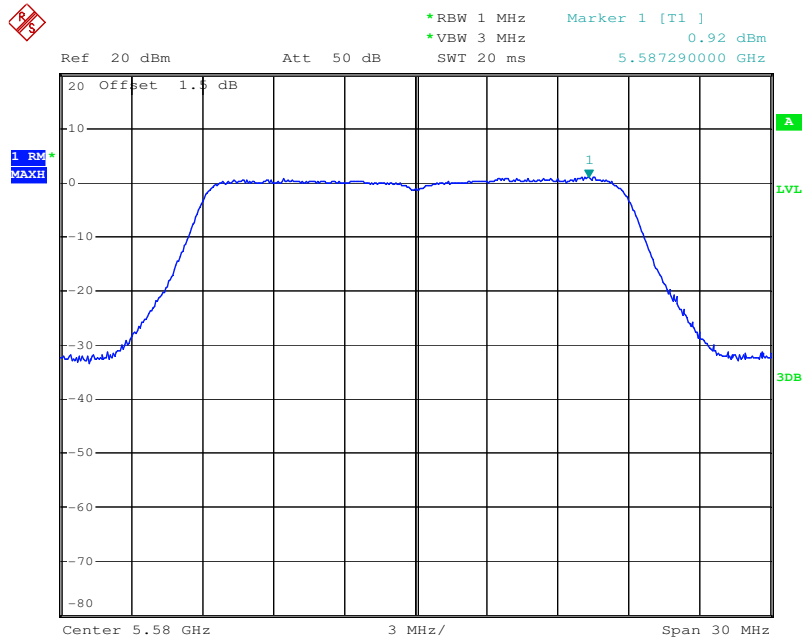
Report No.: SZEM160700630905

Page: 181 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5500
------------	----------------	-----------------	------



Test mode:	802.11ac(HT20)	Frequency(MHz):	5580
------------	----------------	-----------------	------



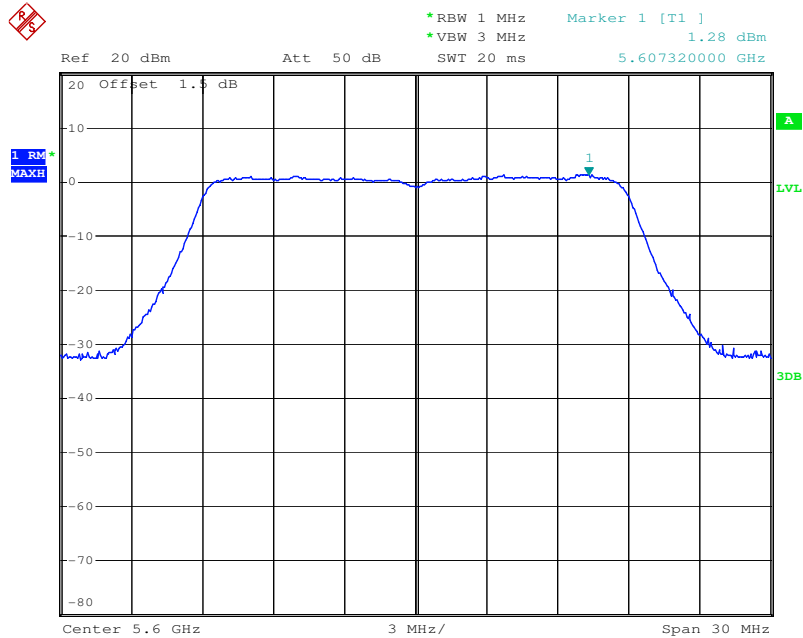


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

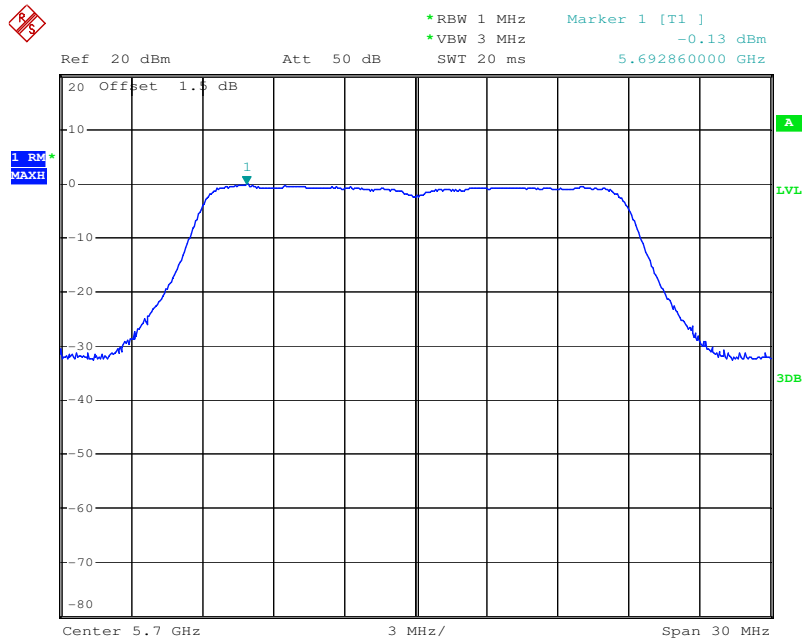
Report No.: SZEM160700630905

Page: 182 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5600
------------	----------------	-----------------	------



Test mode:	802.11ac(HT20)	Frequency(MHz):	5700
------------	----------------	-----------------	------



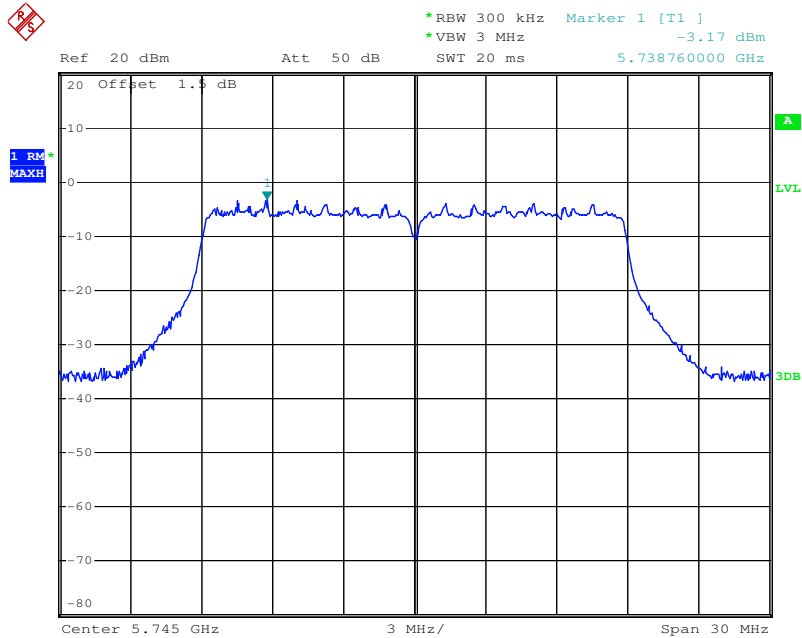


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

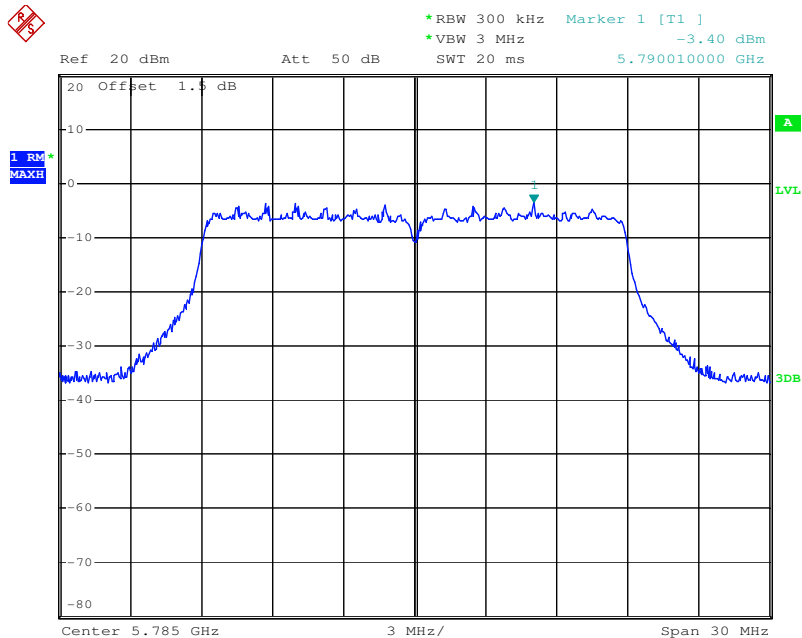
Report No.: SZEM160700630905

Page: 183 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5745
------------	----------------	-----------------	------



Test mode:	802.11ac(HT20)	Frequency(MHz):	5785
------------	----------------	-----------------	------



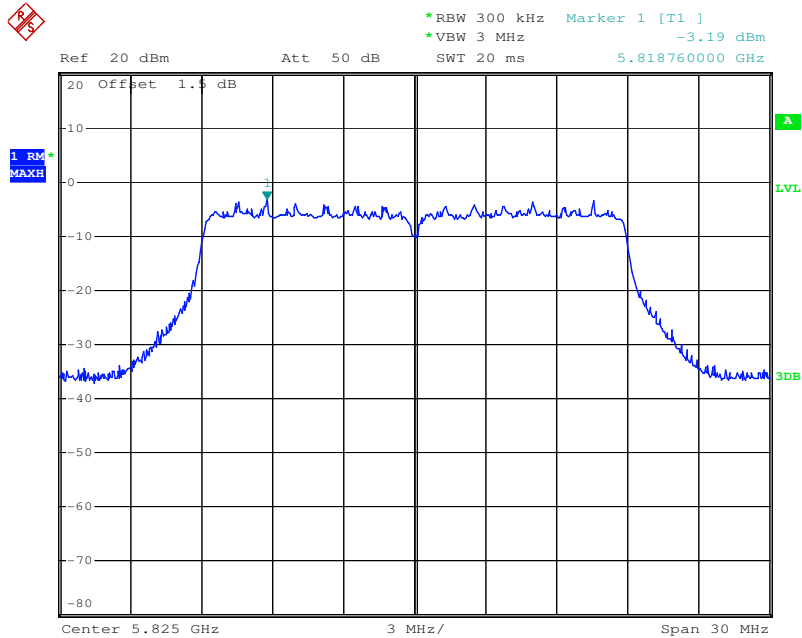


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

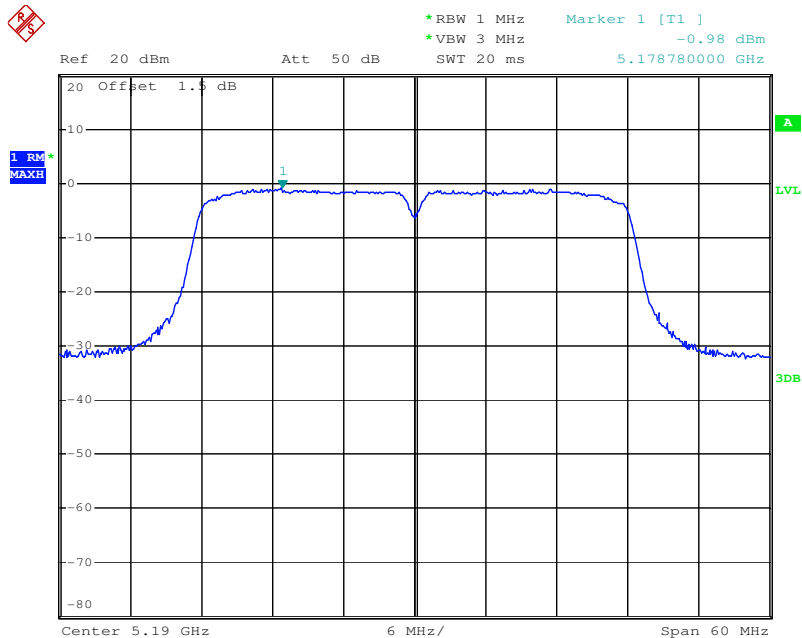
Report No.: SZEM160700630905

Page: 184 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5825
------------	----------------	-----------------	------



Test mode:	802.11n(HT40)	Frequency(MHz):	5190
------------	---------------	-----------------	------



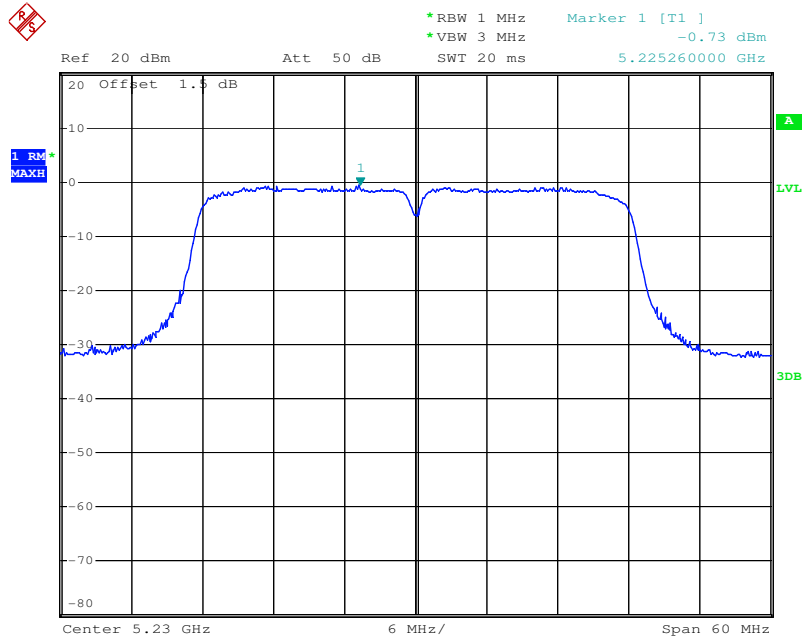


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

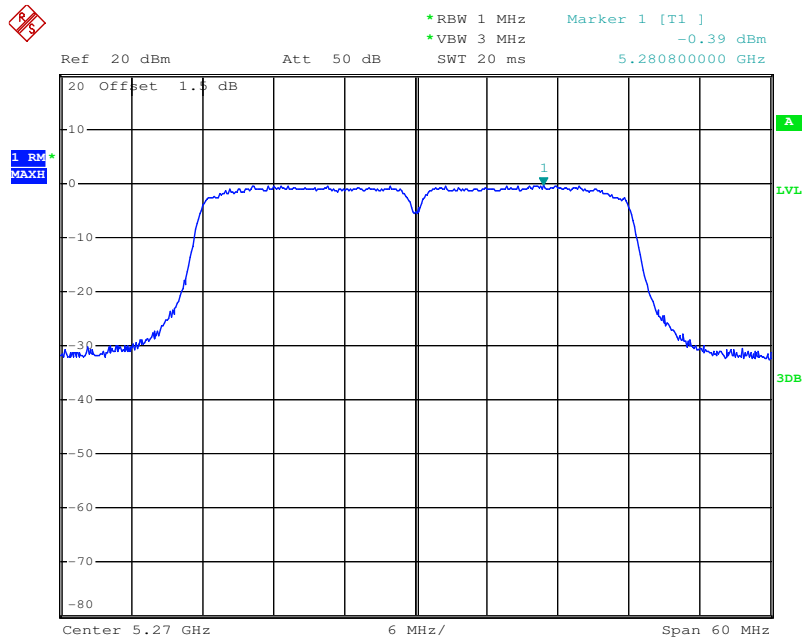
Report No.: SZEM160700630905

Page: 185 of 345

Test mode:	802.11n(HT40)	Frequency(MHz):	5230
------------	---------------	-----------------	------



Test mode:	802.11n(HT40)	Frequency(MHz):	5270
------------	---------------	-----------------	------



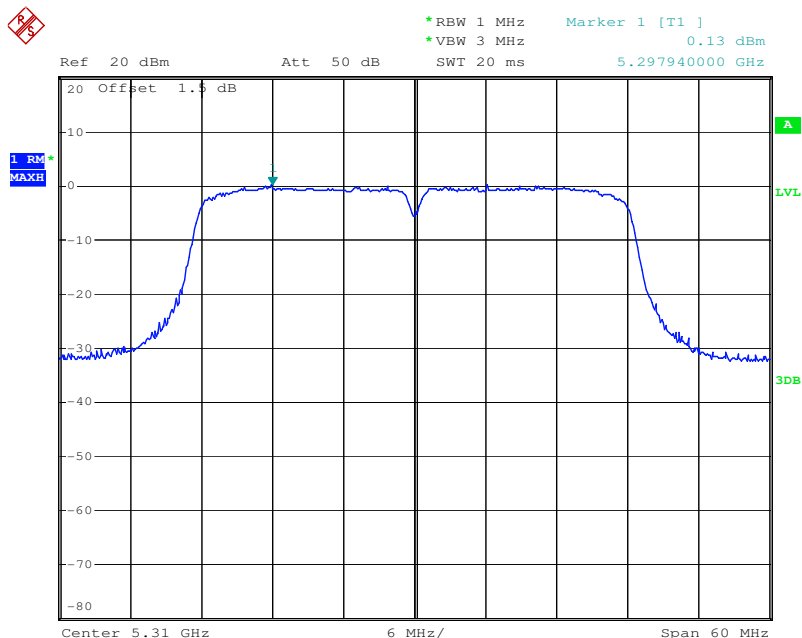


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

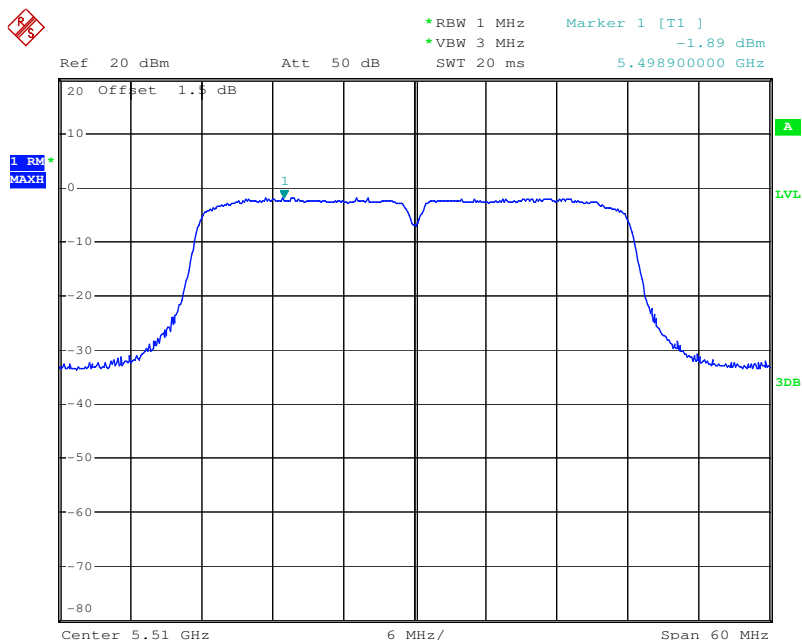
Report No.: SZEM160700630905

Page: 186 of 345

Test mode:	802.11n(HT40)	Frequency(MHz):	5310
------------	---------------	-----------------	------



Test mode:	802.11n(HT40)	Frequency(MHz):	5510
------------	---------------	-----------------	------



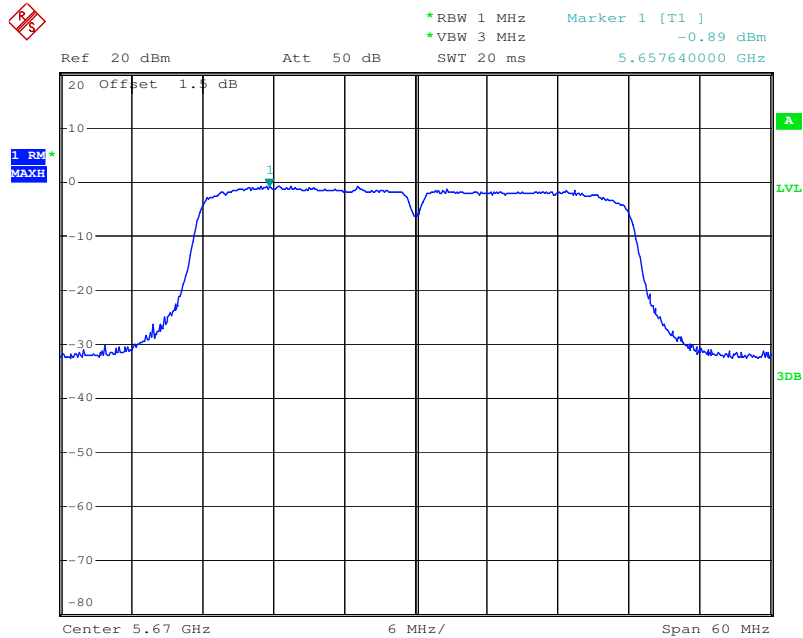


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

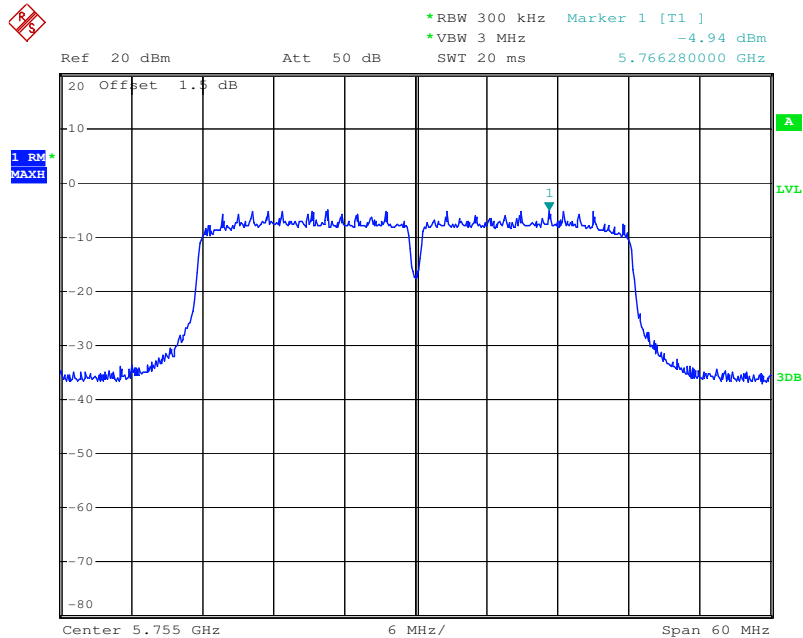
Report No.: SZEM160700630905

Page: 188 of 345

Test mode:	802.11n(HT40)	Frequency(MHz):	5670
------------	---------------	-----------------	------



Test mode:	802.11n(HT40)	Frequency(MHz):	5755
------------	---------------	-----------------	------



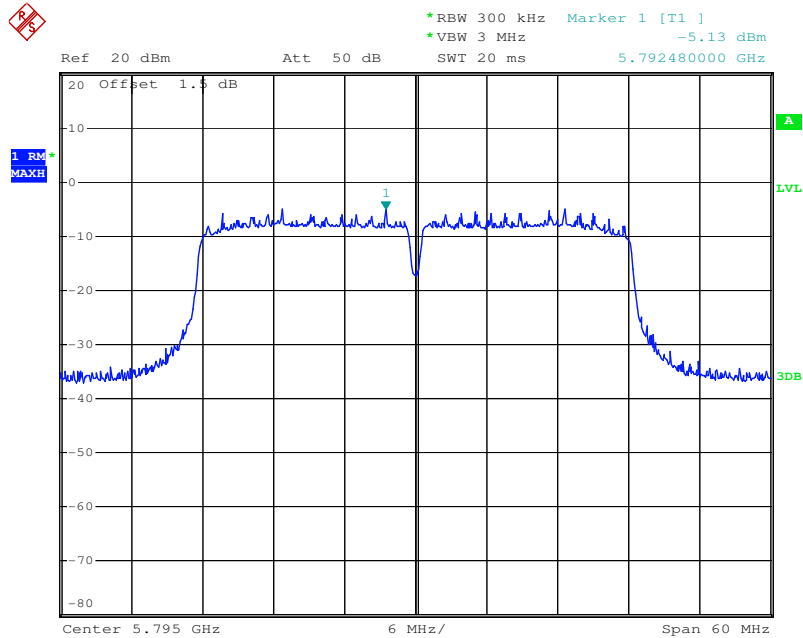


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

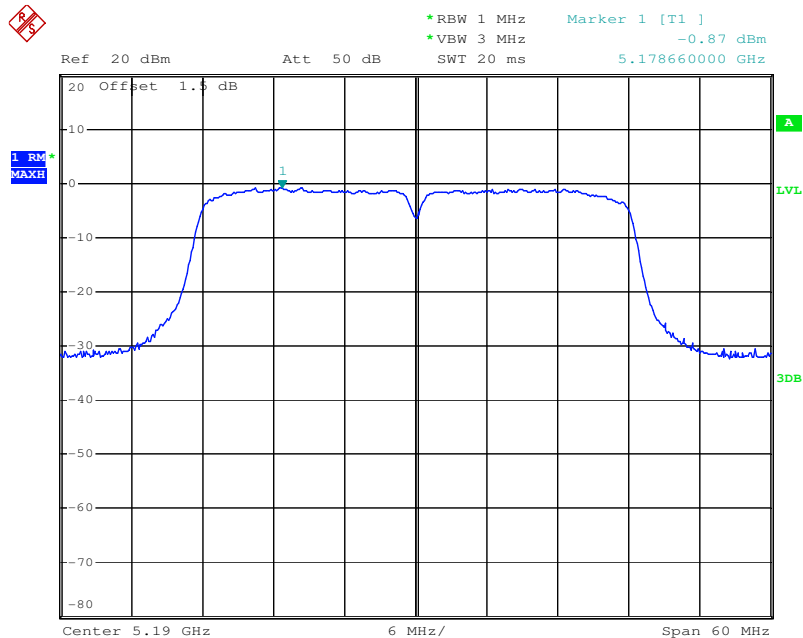
Report No.: SZEM160700630905

Page: 189 of 345

Test mode:	802.11n(HT40)	Frequency(MHz):	5795
------------	---------------	-----------------	------



Test mode:	802.11ac(HT40)	Frequency(MHz):	5190
------------	----------------	-----------------	------



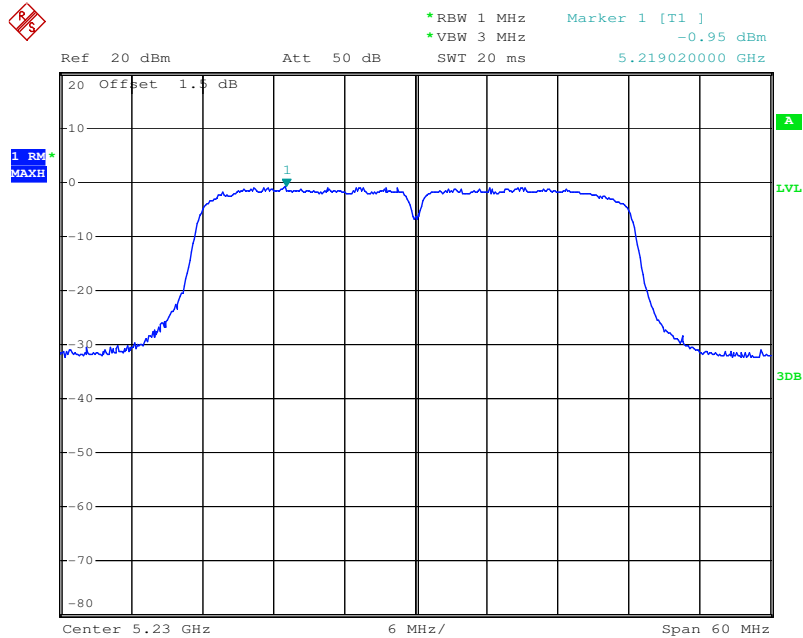


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

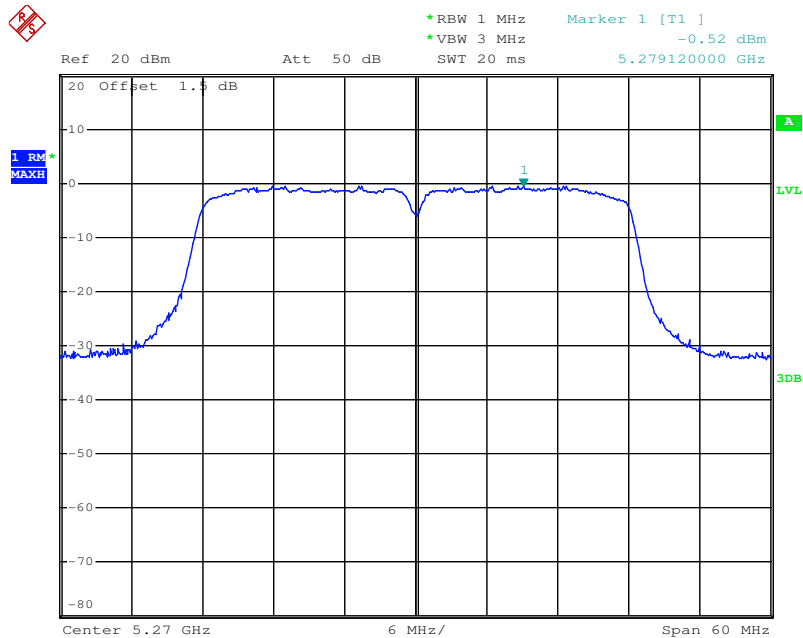
Report No.: SZEM160700630905

Page: 190 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5230
------------	----------------	-----------------	------



Test mode:	802.11ac(HT40)	Frequency(MHz):	5270
------------	----------------	-----------------	------



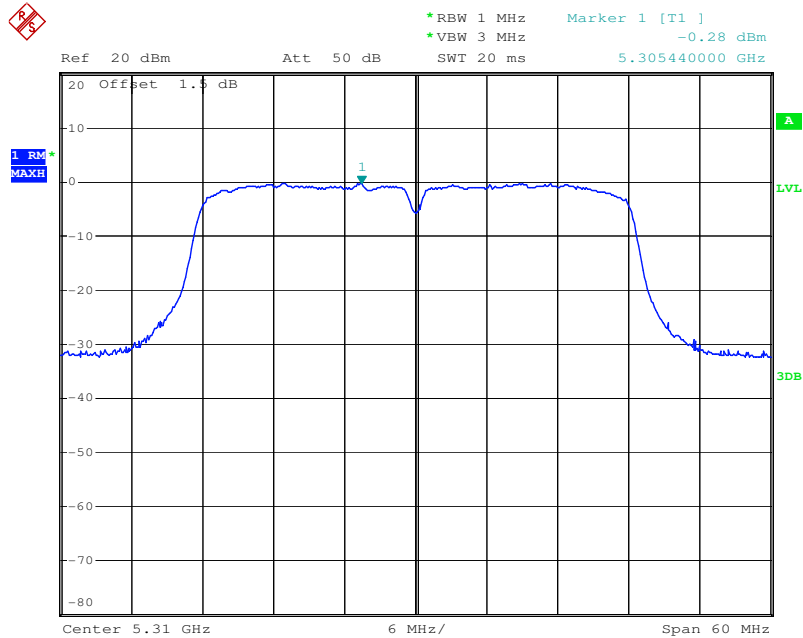


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

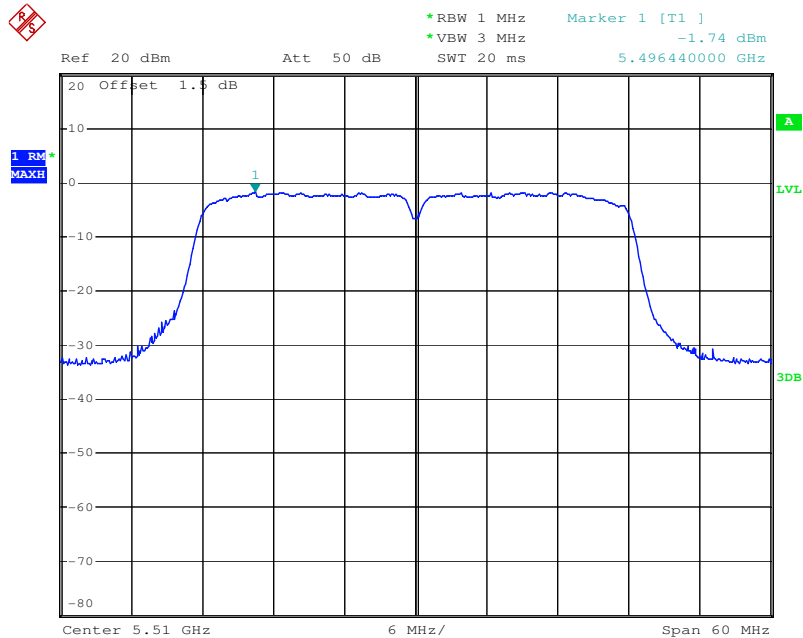
Report No.: SZEM160700630905

Page: 191 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5310
------------	----------------	-----------------	------



Test mode:	802.11ac(HT40)	Frequency(MHz):	5510
------------	----------------	-----------------	------



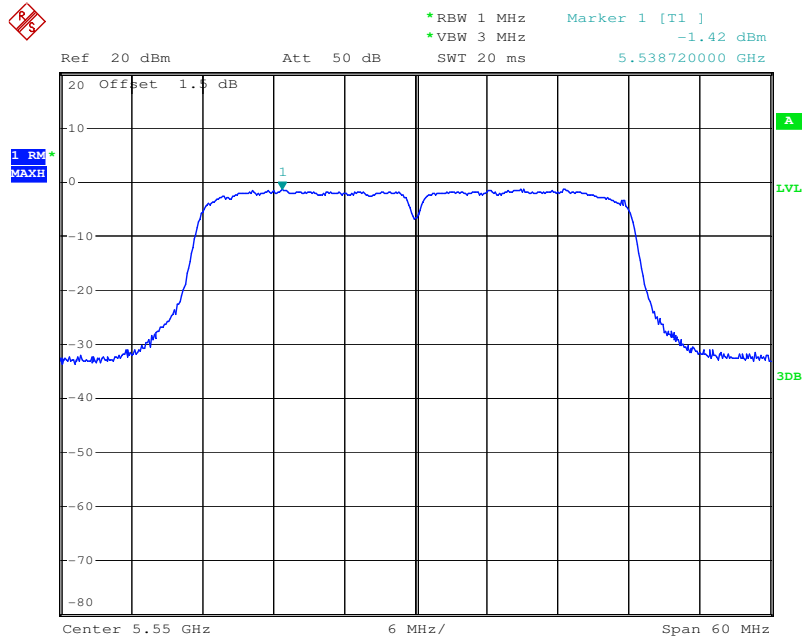


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

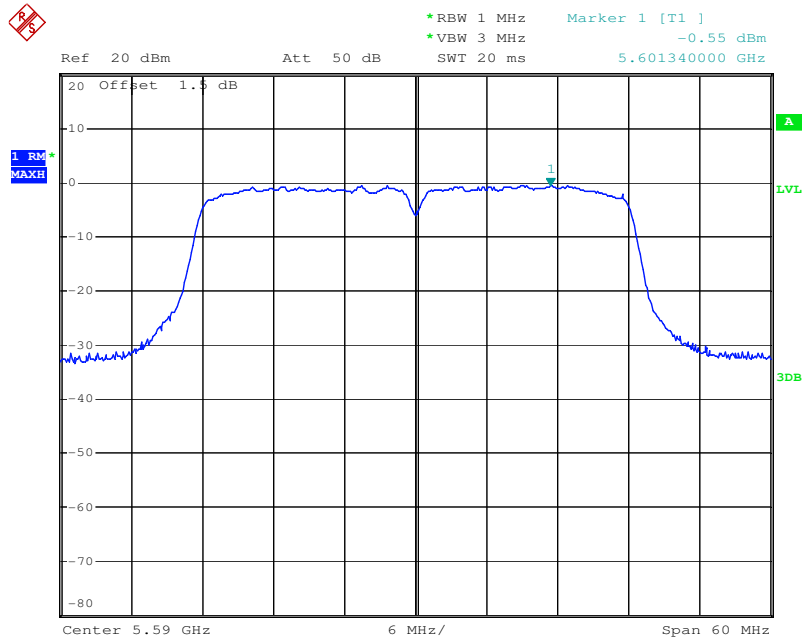
Report No.: SZEM160700630905

Page: 192 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5550
------------	----------------	-----------------	------



Test mode:	802.11ac(HT40)	Frequency(MHz):	5590
------------	----------------	-----------------	------



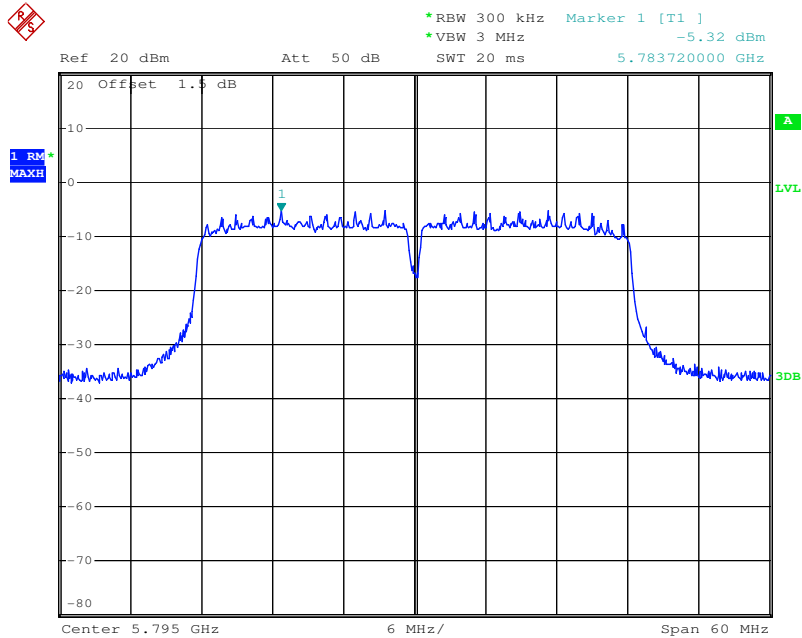


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

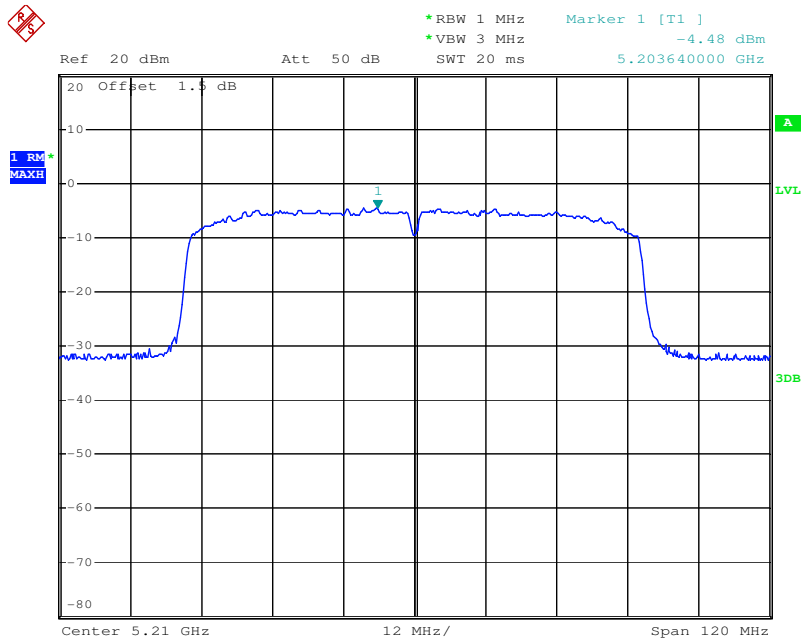
Report No.: SZEM160700630905

Page: 194 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5795
------------	----------------	-----------------	------



est mode:	802.11ac(HT80)	Frequency(MHz):	5210
-----------	----------------	-----------------	------



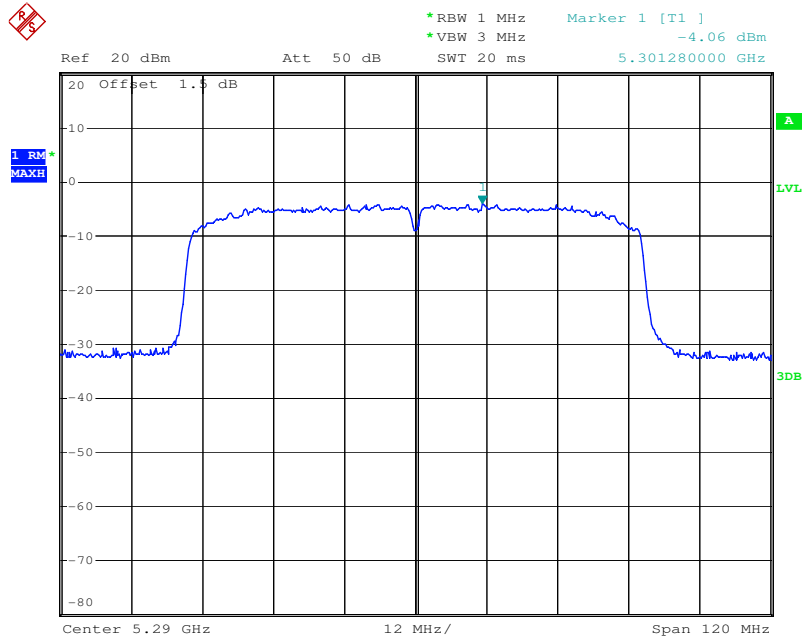


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

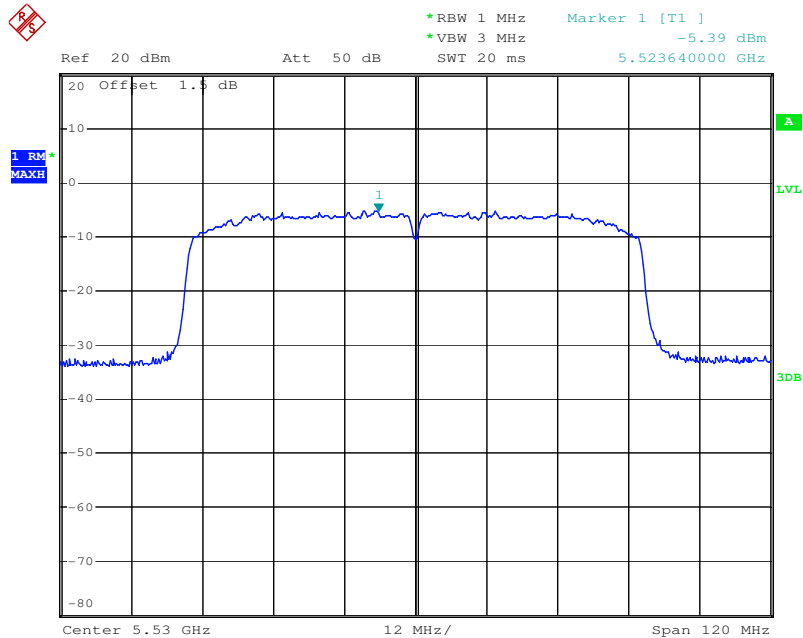
Report No.: SZEM160700630905

Page: 195 of 345

Test mode:	802.11ac(HT80)	Frequency(MHz):	5290
------------	----------------	-----------------	------



Test mode:	802.11ac(HT80)	Frequency(MHz):	5530
------------	----------------	-----------------	------



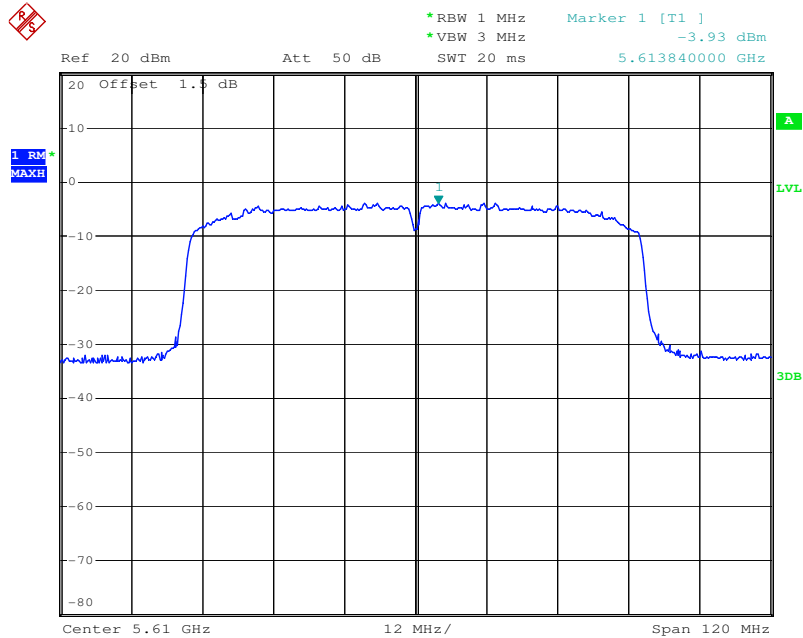


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

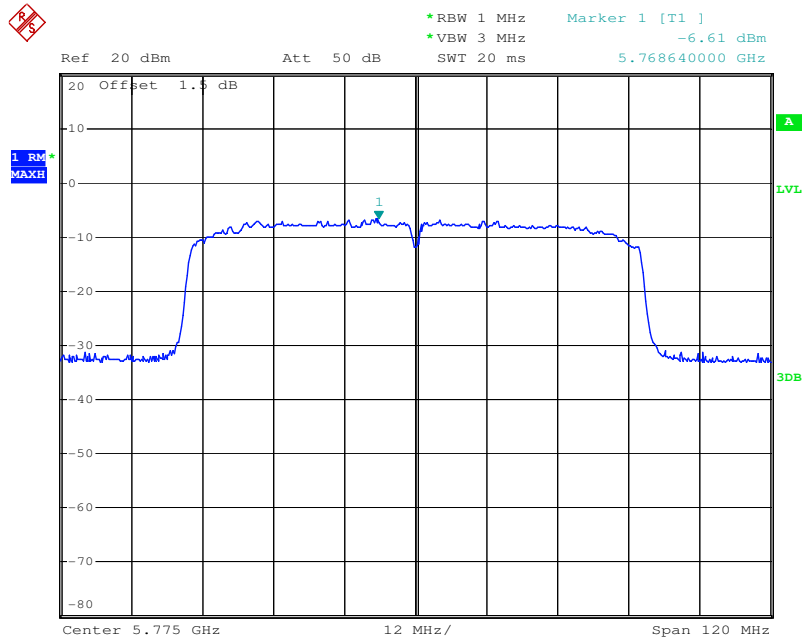
Report No.: SZEM160700630905

Page: 196 of 345

Test mode:	802.11ac(HT80)	Frequency(MHz):	5610
------------	----------------	-----------------	------



Test mode:	802.11ac(HT80)	Frequency(MHz):	5775
------------	----------------	-----------------	------



6.8 Radiated Spurious Emissions

Test Requirement:	47 CFR Part 15 Section 15.407(b)
Test Method:	ANSI C63.10: 2013
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)
Test Setup:	

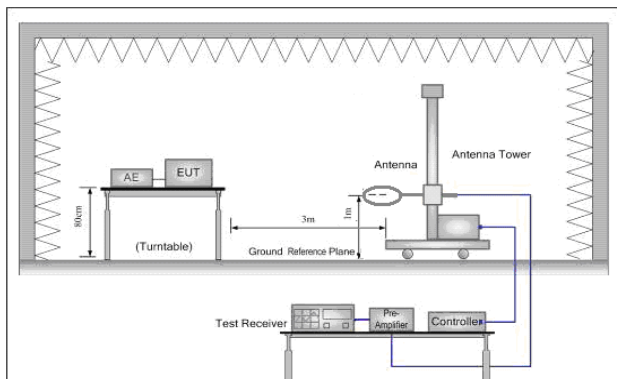


Figure 1. 30MHz to 1GHz

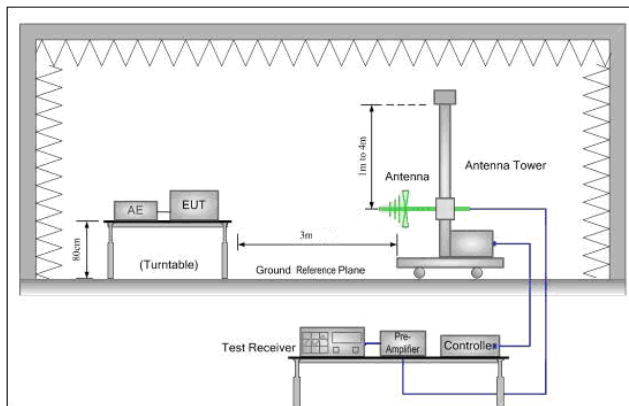


Figure 2. Above 1 GHz

Test Procedure:	- For below 1GHz test, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. - For above 1GHz test, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. - The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. - The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. - For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. - The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. - Test the EUT in the outermost channels. - The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. - Repeat above procedures until all frequencies measured was complete.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(HT20); MCS0 of rate is the worst case of 802.11ac(HT40); MCS0 of rate is the worst case of 802.11ac(HT80) For below 1GHz, through Pre-scan, find the 1Mbps of rate of 802.11a at lowest



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

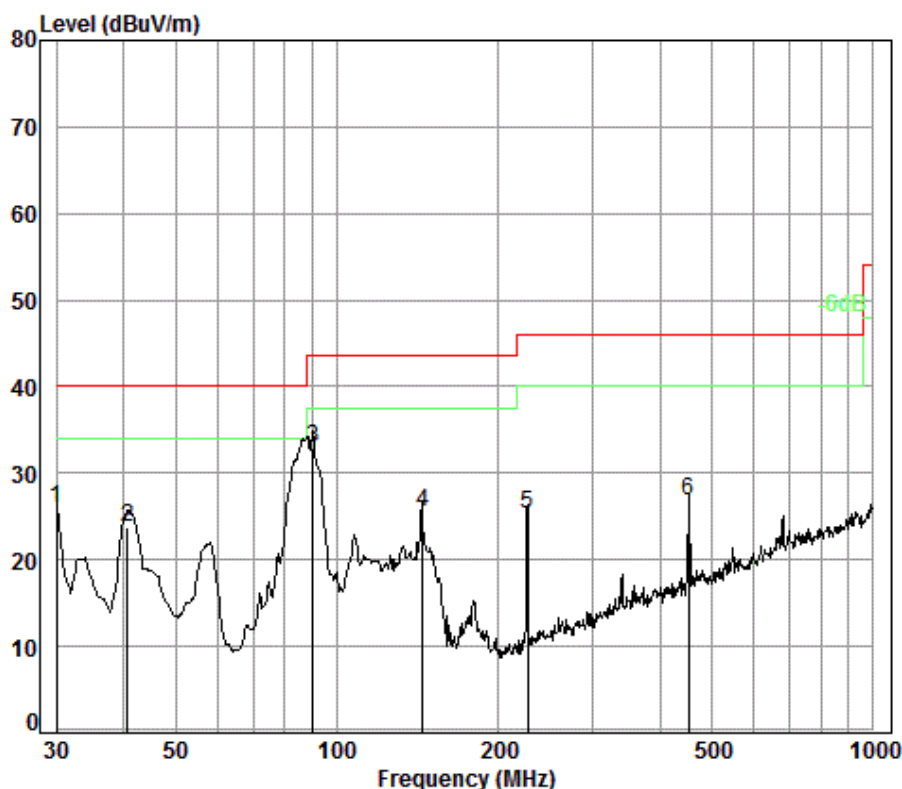
Page: 198 of 345

	channel is the worst case. Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass



6.8.1 Radiated emission below 1GHz

30MHz~1GHz (QP)		
Test mode:	Charge + Transmitting	Vertical



Condition: 3m VERTICAL

Job No. : 6309RG

Test mode: 1

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	30.00	0.60	19.00	27.40	33.79	25.99	40.00	-14.01
2	40.70	0.62	12.86	27.38	37.65	23.75	40.00	-16.25
3 pp	90.22	1.10	8.81	27.31	50.33	32.93	43.50	-10.57
4	144.33	1.31	8.80	27.07	42.47	25.51	43.50	-17.99
5	226.89	1.56	11.46	26.78	39.06	25.30	46.00	-20.70
6	452.72	2.42	16.99	27.31	34.62	26.72	46.00	-19.28

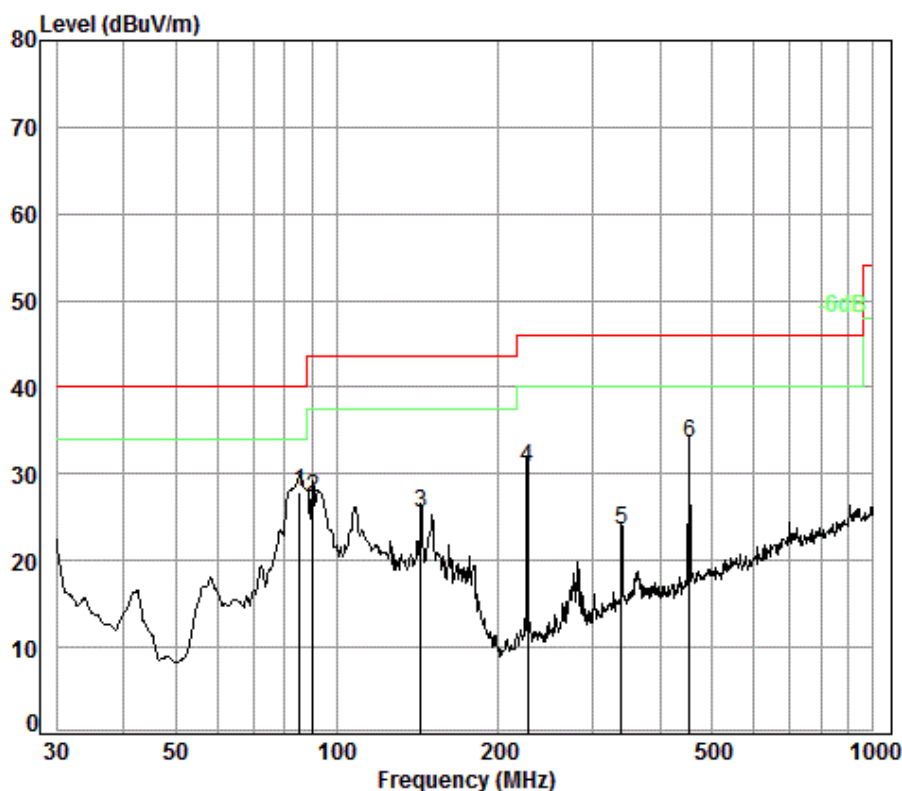


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 200 of 345

Test mode:	Charge + Transmitting	Horizontal
------------	-----------------------	------------



Condition: 3m HORIZONTAL

Job No. : 6309RG

Test mode: 1

		Cable	Ant	Preamp	Read		Limit	Over
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	85.30	1.10	8.34	27.31	45.82	27.95	40.00	-12.05
2	90.22	1.10	8.81	27.31	44.58	27.18	43.50	-16.32
3	143.33	1.30	8.71	27.07	42.61	25.55	43.50	-17.95
4	226.89	1.56	11.46	26.78	44.52	30.76	46.00	-15.24
5	339.59	2.03	15.21	26.81	33.01	23.44	46.00	-22.56
6	454.31	2.43	17.04	27.32	41.33	33.48	46.00	-12.52



6.8.2 Transmitter emission above 1GHz

Test plot as follows:

Test mode:		802.11a		Frequency(MHz):		5180	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
8328.564	36.20	11.58	37.37	41.79	52.20	74.00	-21.80	Vertical	
10360.000	37.24	12.98	36.99	38.97	52.20	74.00	-21.80	Vertical	
11756.660	38.36	14.30	38.06	36.91	51.51	74.00	-22.49	Vertical	
13217.380	38.71	15.61	39.57	37.00	51.75	74.00	-22.25	Vertical	
15540.000	41.38	17.07	39.95	34.59	53.09	74.00	-20.91	Vertical	
17830.800	44.00	21.55	37.45	24.79	52.89	74.00	-21.11	Vertical	
7678.832	36.41	10.89	37.71	41.46	51.05	74.00	-22.95	Horizontal	
8328.564	36.20	11.58	37.37	42.30	52.71	74.00	-21.29	Horizontal	
10360.000	37.24	12.98	36.99	37.99	51.22	74.00	-22.78	Horizontal	
12775.540	38.84	14.93	39.08	36.56	51.25	74.00	-22.75	Horizontal	
15540.000	41.38	17.07	39.95	35.10	53.60	74.00	-20.40	Horizontal	
17830.800	44.00	21.55	37.45	24.52	52.62	74.00	-21.38	Horizontal	

Test mode:		802.11a		Frequency(MHz):		5220	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7678.832	36.41	10.89	37.71	41.60	51.19	74.00	-22.81	Vertical	
9007.715	36.61	11.80	37.30	39.83	50.94	74.00	-23.06	Vertical	
10440.000	37.16	13.04	37.03	38.12	51.29	74.00	-22.71	Vertical	
13192.440	38.72	15.60	39.54	35.68	50.46	74.00	-23.54	Vertical	
15660.000	41.34	17.18	39.83	34.10	52.79	74.00	-21.21	Vertical	
17864.510	44.06	21.66	37.42	24.65	52.95	74.00	-21.05	Vertical	
7693.350	36.42	10.90	37.69	41.52	51.15	74.00	-22.85	Horizontal	
10440.000	37.16	13.04	37.03	39.50	52.67	74.00	-21.33	Horizontal	
11734.470	38.34	14.27	38.04	36.22	50.79	74.00	-23.21	Horizontal	
13804.270	38.97	16.03	40.27	38.31	53.04	74.00	-20.96	Horizontal	
15660.000	41.34	17.18	39.83	34.21	52.90	74.00	-21.10	Horizontal	
17830.800	44.00	21.55	37.45	25.26	53.36	74.00	-20.64	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 202 of 345

Test mode:		802.11a		Frequency(MHz):		5240	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7678.832	36.41	10.89	37.71	41.18	50.77	74.00	-23.23	Vertical	
10480.000	37.12	13.07	37.05	38.60	51.74	74.00	-22.26	Vertical	
11823.470	38.43	14.37	38.13	37.68	52.35	74.00	-21.65	Vertical	
13804.270	38.97	16.03	40.27	36.78	51.51	74.00	-22.49	Vertical	
15720.000	41.31	17.24	39.77	34.24	53.02	74.00	-20.98	Vertical	
17830.800	44.00	21.55	37.45	25.22	53.32	74.00	-20.68	Vertical	
8328.564	36.20	11.58	37.37	42.56	52.97	74.00	-21.03	Horizontal	
10480.000	37.12	13.07	37.05	38.35	51.49	74.00	-22.51	Horizontal	
11734.470	38.34	14.27	38.04	37.78	52.35	74.00	-21.65	Horizontal	
13093.140	38.76	15.57	39.42	37.28	52.19	74.00	-21.81	Horizontal	
15720.000	41.31	17.24	39.77	34.24	53.02	74.00	-20.98	Horizontal	
17830.800	44.00	21.55	37.45	24.72	52.82	74.00	-21.18	Horizontal	

Test mode:		802.11a		Frequency(MHz):		5260	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7106.583	36.46	10.64	38.29	41.62	50.43	74.00	-23.57	Vertical	
10520.000	37.12	13.10	37.07	38.78	51.93	74.00	-22.07	Vertical	
11734.470	38.34	14.27	38.04	38.13	52.70	74.00	-21.30	Vertical	
13804.270	38.97	16.03	40.27	38.17	52.90	74.00	-21.10	Vertical	
15780.000	41.29	17.29	39.71	33.56	52.43	74.00	-21.57	Vertical	
17830.800	44.00	21.55	37.45	25.36	53.46	74.00	-20.54	Vertical	
9007.715	36.61	11.80	37.30	40.37	51.48	74.00	-22.52	Horizontal	
10520.000	37.12	13.10	37.07	38.06	51.21	74.00	-22.79	Horizontal	
11734.470	38.34	14.27	38.04	36.95	51.52	74.00	-22.48	Horizontal	
13804.270	38.97	16.03	40.27	37.79	52.52	74.00	-21.48	Horizontal	
15780.000	41.29	17.29	39.71	34.47	53.34	74.00	-20.66	Horizontal	
17898.290	44.12	21.78	37.39	24.90	53.41	74.00	-20.59	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 203 of 345

Test mode:		802.11a		Frequency(MHz):		5300	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7678.832	36.41	10.89	37.71	42.33	51.92	74.00	-22.08	Vertical	
9937.399	37.59	12.68	36.83	40.04	53.48	74.00	-20.52	Vertical	
10600.000	37.22	13.16	37.11	37.06	50.33	74.00	-23.67	Vertical	
13192.440	38.72	15.60	39.54	36.80	51.58	74.00	-22.42	Vertical	
15900.000	41.24	17.41	39.60	33.47	52.52	74.00	-21.48	Vertical	
17202.210	43.04	19.38	38.01	28.42	52.83	74.00	-21.17	Vertical	
7106.583	36.46	10.64	38.29	44.18	52.99	74.00	-21.01	Horizontal	
8328.564	36.20	11.58	37.37	42.14	52.55	74.00	-21.45	Horizontal	
10600.000	37.22	13.16	37.11	38.52	51.79	74.00	-22.21	Horizontal	
12775.540	38.84	14.93	39.08	35.98	50.67	74.00	-23.33	Horizontal	
15900.000	41.24	17.41	39.60	33.22	52.27	74.00	-21.73	Horizontal	
17864.510	44.06	21.66	37.42	25.00	53.30	74.00	-20.70	Horizontal	

Test mode:		802.11a		Frequency(MHz):		5320	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7066.425	36.47	10.63	38.33	42.48	51.25	74.00	-22.75	Vertical	
9007.715	36.61	11.80	37.30	40.33	51.44	74.00	-22.56	Vertical	
10640.000	37.27	13.19	37.13	39.05	52.38	74.00	-21.62	Vertical	
12751.430	38.85	14.86	39.06	35.90	50.55	74.00	-23.45	Vertical	
15960.000	41.22	17.46	39.54	33.50	52.64	74.00	-21.36	Vertical	
17898.290	44.12	21.78	37.39	24.18	52.69	74.00	-21.31	Vertical	
7678.832	36.41	10.89	37.71	40.85	50.44	74.00	-23.56	Horizontal	
9659.786	37.53	12.53	36.96	38.97	52.07	74.00	-21.93	Horizontal	
10640.000	37.27	13.19	37.13	39.30	52.63	74.00	-21.37	Horizontal	
11734.470	38.34	14.27	38.04	36.17	50.74	74.00	-23.26	Horizontal	
14485.460	40.37	16.39	40.50	36.85	53.11	74.00	-20.89	Horizontal	
15960.000	41.22	17.46	39.54	33.68	52.82	74.00	-21.18	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 204 of 345

Test mode:		802.11a		Frequency(MHz):		5500	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7664.340	36.40	10.88	37.72	41.38	50.94	74.00	-23.06	Vertical	
9007.715	36.61	11.80	37.30	40.22	51.33	74.00	-22.67	Vertical	
11000.000	37.70	13.45	37.30	38.61	52.46	74.00	-21.54	Vertical	
13217.380	38.71	15.61	39.57	35.89	50.64	74.00	-23.36	Vertical	
16500.000	42.70	17.59	38.84	31.39	52.84	74.00	-21.16	Vertical	
17864.510	44.06	21.66	37.42	24.43	52.73	74.00	-21.27	Vertical	
7093.172	36.46	10.64	38.30	42.86	51.66	74.00	-22.34	Horizontal	
9659.786	37.53	12.53	36.96	40.26	53.36	74.00	-20.64	Horizontal	
11000.000	37.70	13.45	37.30	37.48	51.33	74.00	-22.67	Horizontal	
11823.470	38.43	14.37	38.13	36.52	51.19	74.00	-22.81	Horizontal	
14485.460	40.37	16.39	40.50	37.10	53.36	74.00	-20.64	Horizontal	
16500.000	42.70	17.59	38.84	31.31	52.76	74.00	-21.24	Horizontal	

Test mode:		802.11a		Frequency(MHz):		5600	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7093.172	36.46	10.64	38.30	42.50	51.30	74.00	-22.70	Vertical	
9659.786	37.53	12.53	36.96	39.99	53.09	74.00	-20.91	Vertical	
11200.000	37.86	13.68	37.51	38.49	52.52	74.00	-21.48	Vertical	
13804.270	38.97	16.03	40.27	36.84	51.57	74.00	-22.43	Vertical	
15800.410	41.28	17.31	39.69	34.05	52.95	74.00	-21.05	Vertical	
16800.000	42.76	18.24	38.45	30.53	53.08	74.00	-20.92	Vertical	
8328.564	36.20	11.58	37.37	41.96	52.37	74.00	-21.63	Horizontal	
9918.646	37.58	12.67	36.84	39.03	52.44	74.00	-21.56	Horizontal	
11200.000	37.86	13.68	37.51	36.75	50.78	74.00	-23.22	Horizontal	
12751.430	38.85	14.86	39.06	37.14	51.79	74.00	-22.21	Horizontal	
14485.460	40.37	16.39	40.50	36.96	53.22	74.00	-20.78	Horizontal	
16800.000	42.76	18.24	38.45	30.58	53.13	74.00	-20.87	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 205 of 345

Test mode:		802.11a		Frequency(MHz):		5700	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7678.832	36.41	10.89	37.71	42.68	52.27	74.00	-21.73	Vertical	
9007.715	36.61	11.80	37.30	40.55	51.66	74.00	-22.34	Vertical	
11400.000	38.02	13.91	37.71	37.74	51.96	74.00	-22.04	Vertical	
12775.540	38.84	14.93	39.08	36.38	51.07	74.00	-22.93	Vertical	
15157.260	41.33	16.70	40.34	35.85	53.54	74.00	-20.46	Vertical	
17100.000	42.92	19.02	38.11	29.31	53.14	74.00	-20.86	Vertical	
7664.340	36.40	10.88	37.72	41.79	51.35	74.00	-22.65	Horizontal	
9007.715	36.61	11.80	37.30	39.21	50.32	74.00	-23.68	Horizontal	
11400.000	38.02	13.91	37.71	37.33	51.55	74.00	-22.45	Horizontal	
13142.690	38.74	15.59	39.48	36.07	50.92	74.00	-23.08	Horizontal	
15800.410	41.28	17.31	39.69	34.58	53.48	74.00	-20.52	Horizontal	
17100.000	42.92	19.02	38.11	29.14	52.97	74.00	-21.03	Horizontal	

Test mode:		802.11a		Frequency(MHz):		5745	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7079.786	36.47	10.63	38.32	42.55	51.33	74.00	-22.67	Vertical	
8990.716	36.59	11.79	37.30	41.22	52.30	74.00	-21.70	Vertical	
11490.000	38.09	14.01	37.80	36.54	50.84	74.00	-23.16	Vertical	
13804.270	38.97	16.03	40.27	36.50	51.23	74.00	-22.77	Vertical	
16010.720	41.23	17.50	39.49	33.80	53.04	74.00	-20.96	Vertical	
17235.000	43.08	19.50	37.98	28.46	53.06	74.00	-20.94	Vertical	
7678.832	36.41	10.89	37.71	41.95	51.54	74.00	-22.46	Horizontal	
9659.786	37.53	12.53	36.96	39.68	52.78	74.00	-21.22	Horizontal	
11490.000	38.09	14.01	37.80	36.20	50.50	74.00	-23.50	Horizontal	
13217.380	38.71	15.61	39.57	35.94	50.69	74.00	-23.31	Horizontal	
14650.570	40.67	16.44	40.50	36.36	52.97	74.00	-21.03	Horizontal	
17235.000	43.08	19.50	37.98	28.37	52.97	74.00	-21.03	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 206 of 345

Test mode:		802.11a		Frequency(MHz):		5785		Remark:	Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7678.832	36.41	10.89	37.71	41.10	50.69	74.00	-23.31	Vertical	
9678.051	37.54	12.54	36.96	40.43	53.55	74.00	-20.45	Vertical	
11570.000	38.17	14.09	37.88	36.81	51.19	74.00	-22.81	Vertical	
13117.890	38.75	15.58	39.45	36.77	51.65	74.00	-22.35	Vertical	
15157.260	41.33	16.70	40.34	34.80	52.49	74.00	-21.51	Vertical	
17355.000	43.23	19.92	37.87	27.87	53.15	74.00	-20.85	Vertical	
7106.583	36.46	10.64	38.29	41.67	50.48	74.00	-23.52	Horizontal	
8328.564	36.20	11.58	37.37	42.19	52.60	74.00	-21.40	Horizontal	
11570.000	38.17	14.09	37.88	37.45	51.83	74.00	-22.17	Horizontal	
13167.540	38.73	15.59	39.51	36.35	51.16	74.00	-22.84	Horizontal	
14512.850	40.42	16.40	40.50	36.92	53.24	74.00	-20.76	Horizontal	
17355.000	43.23	19.92	37.87	27.47	52.75	74.00	-21.25	Horizontal	

Test mode:		802.11a		Frequency(MHz):		5825		Remark:	Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7086.476	36.46	10.63	38.31	41.42	50.20	74.00	-23.80	Vertical	
8344.312	36.18	11.61	37.36	41.36	51.79	74.00	-22.21	Vertical	
11650.000	38.25	14.18	37.96	37.83	52.30	74.00	-21.70	Vertical	
13093.140	38.76	15.57	39.42	36.49	51.40	74.00	-22.60	Vertical	
15800.410	41.28	17.31	39.69	33.86	52.76	74.00	-21.24	Vertical	
17475.000	43.37	20.33	37.77	27.24	53.17	74.00	-20.83	Vertical	
7678.832	36.41	10.89	37.71	41.25	50.84	74.00	-23.16	Horizontal	
9862.599	37.57	12.64	36.87	39.60	52.94	74.00	-21.06	Horizontal	
11650.000	38.25	14.18	37.96	37.29	51.76	74.00	-22.24	Horizontal	
13804.270	38.97	16.03	40.27	36.62	51.35	74.00	-22.65	Horizontal	
16010.720	41.23	17.50	39.49	34.09	53.33	74.00	-20.67	Horizontal	
17475.000	43.37	20.33	37.77	26.77	52.70	74.00	-21.30	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 207 of 345

Test mode:		802.11n(HT20)		Frequency(MHz):		5180	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7093.172	36.46	10.64	38.30	42.28	51.08	74.00	-22.92	Vertical	
9007.715	36.61	11.80	37.30	41.84	52.95	74.00	-21.05	Vertical	
10360.000	37.24	12.98	36.99	39.42	52.65	74.00	-21.35	Vertical	
13217.380	38.71	15.61	39.57	37.55	52.30	74.00	-21.70	Vertical	
15540.000	41.38	17.07	39.95	33.34	51.84	74.00	-22.16	Vertical	
17830.800	44.00	21.55	37.45	24.82	52.92	74.00	-21.08	Vertical	
7678.832	36.41	10.89	37.71	41.13	50.72	74.00	-23.28	Horizontal	
9007.715	36.61	11.80	37.30	41.44	52.55	74.00	-21.45	Horizontal	
10360.000	37.24	12.98	36.99	38.20	51.43	74.00	-22.57	Horizontal	
12775.540	38.84	14.93	39.08	37.96	52.65	74.00	-21.35	Horizontal	
15540.000	41.38	17.07	39.95	33.92	52.42	74.00	-21.58	Horizontal	
17629.850	43.64	20.87	37.63	26.30	53.18	74.00	-20.82	Horizontal	

Test mode:		802.11n(HT20)		Frequency(MHz):		5220	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7079.786	36.47	10.63	38.32	41.68	50.46	74.00	-23.54	Vertical	
8344.312	36.18	11.61	37.36	41.52	51.95	74.00	-22.05	Vertical	
10440.000	37.16	13.04	37.03	39.25	52.42	74.00	-21.58	Vertical	
12775.540	38.84	14.93	39.08	38.69	53.38	74.00	-20.62	Vertical	
15660.000	41.34	17.18	39.83	34.00	52.69	74.00	-21.31	Vertical	
17464.130	43.36	20.30	37.78	26.97	52.85	74.00	-21.15	Vertical	
7678.832	36.41	10.89	37.71	41.23	50.82	74.00	-23.18	Horizontal	
10440.000	37.16	13.04	37.03	39.23	52.40	74.00	-21.60	Horizontal	
11756.660	38.36	14.30	38.06	38.17	52.77	74.00	-21.23	Horizontal	
13778.220	38.94	16.00	40.24	37.57	52.27	74.00	-21.73	Horizontal	
15660.000	41.34	17.18	39.83	33.96	52.65	74.00	-21.35	Horizontal	
17830.800	44.00	21.55	37.45	25.52	53.62	74.00	-20.38	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 208 of 345

Test mode:		802.11n(HT20)		Frequency(MHz):		5240	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7160.481	36.43	10.66	38.23	41.51	50.37	74.00	-23.63	Vertical	
9007.715	36.61	11.80	37.30	40.12	51.23	74.00	-22.77	Vertical	
10480.000	37.12	13.07	37.05	38.29	51.43	74.00	-22.57	Vertical	
12775.540	38.84	14.93	39.08	37.86	52.55	74.00	-21.45	Vertical	
15720.000	41.31	17.24	39.77	33.83	52.61	74.00	-21.39	Vertical	
17530.230	43.46	20.52	37.72	27.14	53.40	74.00	-20.60	Vertical	
7678.832	36.41	10.89	37.71	40.93	50.52	74.00	-23.48	Horizontal	
9678.051	37.54	12.54	36.96	39.68	52.80	74.00	-21.20	Horizontal	
10480.000	37.12	13.07	37.05	38.66	51.80	74.00	-22.20	Horizontal	
13242.370	38.70	15.61	39.60	37.33	52.04	74.00	-21.96	Horizontal	
15720.000	41.31	17.24	39.77	33.76	52.54	74.00	-21.46	Horizontal	
17464.130	43.36	20.30	37.78	27.51	53.39	74.00	-20.61	Horizontal	

Test mode:		802.11n(HT20)		Frequency(MHz):		5260	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
8344.312	36.18	11.61	37.36	40.35	50.78	74.00	-23.22	Vertical	
10520.000	37.12	13.10	37.07	38.47	51.62	74.00	-22.38	Vertical	
11734.470	38.34	14.27	38.04	38.05	52.62	74.00	-21.38	Vertical	
14845.570	41.03	16.50	40.50	35.74	52.77	74.00	-21.23	Vertical	
15780.000	41.29	17.29	39.71	34.52	53.39	74.00	-20.61	Vertical	
17763.560	43.88	21.32	37.51	24.88	52.57	74.00	-21.43	Vertical	
7678.832	36.41	10.89	37.71	40.43	50.02	74.00	-23.98	Horizontal	
10520.000	37.12	13.10	37.07	39.52	52.67	74.00	-21.33	Horizontal	
11734.470	38.34	14.27	38.04	37.38	51.95	74.00	-22.05	Horizontal	
13778.220	38.94	16.00	40.24	37.19	51.89	74.00	-22.11	Horizontal	
15780.000	41.29	17.29	39.71	33.25	52.12	74.00	-21.88	Horizontal	
17830.800	44.00	21.55	37.45	25.33	53.43	74.00	-20.57	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 209 of 345

Test mode:		802.11n(HT20)		Frequency(MHz):		5300	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7079.786	36.47	10.63	38.32	41.94	50.72	74.00	-23.28	Vertical	
8990.716	36.59	11.79	37.30	41.71	52.79	74.00	-21.21	Vertical	
10600.000	37.22	13.16	37.11	39.68	52.95	74.00	-21.05	Vertical	
13217.380	38.71	15.61	39.57	38.03	52.78	74.00	-21.22	Vertical	
15900.000	41.24	17.41	39.60	33.40	52.45	74.00	-21.55	Vertical	
17797.150	43.94	21.44	37.48	25.48	53.38	74.00	-20.62	Vertical	
7678.832	36.41	10.89	37.71	41.41	51.00	74.00	-23.00	Horizontal	
10600.000	37.22	13.16	37.11	37.85	51.12	74.00	-22.88	Horizontal	
11734.470	38.34	14.27	38.04	37.66	52.23	74.00	-21.77	Horizontal	
14485.460	40.37	16.39	40.50	35.70	51.96	74.00	-22.04	Horizontal	
15900.000	41.24	17.41	39.60	33.38	52.43	74.00	-21.57	Horizontal	
17932.130	44.18	21.89	37.36	24.73	53.44	74.00	-20.56	Horizontal	

Test mode:		802.11n(HT20)		Frequency(MHz):		5320	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7106.583	36.46	10.64	38.29	41.38	50.19	74.00	-23.81	Vertical	
8990.716	36.59	11.79	37.30	41.57	52.65	74.00	-21.35	Vertical	
10640.000	37.27	13.19	37.13	39.74	53.07	74.00	-20.93	Vertical	
12751.430	38.85	14.86	39.06	37.26	51.91	74.00	-22.09	Vertical	
15960.000	41.22	17.46	39.54	33.20	52.34	74.00	-21.66	Vertical	
17464.130	43.36	20.30	37.78	26.71	52.59	74.00	-21.41	Vertical	
8344.312	36.18	11.61	37.36	41.13	51.56	74.00	-22.44	Horizontal	
9918.646	37.58	12.67	36.84	39.29	52.70	74.00	-21.30	Horizontal	
10640.000	37.27	13.19	37.13	39.21	52.54	74.00	-21.46	Horizontal	
13242.370	38.70	15.61	39.60	37.05	51.76	74.00	-22.24	Horizontal	
15960.000	41.22	17.46	39.54	33.61	52.75	74.00	-21.25	Horizontal	
17797.150	43.94	21.44	37.48	25.06	52.96	74.00	-21.04	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 210 of 345

Test mode:		802.11n(HT20)		Frequency(MHz):		5500	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7678.832	36.41	10.89	37.71	41.36	50.95	74.00	-23.05	Vertical	
9659.786	37.53	12.53	36.96	39.77	52.87	74.00	-21.13	Vertical	
11000.000	37.70	13.45	37.30	38.70	52.55	74.00	-21.45	Vertical	
13778.220	38.94	16.00	40.24	36.57	51.27	74.00	-22.73	Vertical	
16500.000	42.70	17.59	38.84	30.90	52.35	74.00	-21.65	Vertical	
17966.030	44.24	22.01	37.33	24.60	53.52	74.00	-20.48	Vertical	
7093.172	36.46	10.64	38.30	41.57	50.37	74.00	-23.63	Horizontal	
9007.715	36.61	11.80	37.30	41.46	52.57	74.00	-21.43	Horizontal	
11000.000	37.70	13.45	37.30	37.70	51.55	74.00	-22.45	Horizontal	
13117.890	38.75	15.58	39.45	37.84	52.72	74.00	-21.28	Horizontal	
15185.920	41.34	16.72	40.31	35.31	53.06	74.00	-20.94	Horizontal	
16500.000	42.70	17.59	38.84	30.65	52.10	74.00	-21.90	Horizontal	

Test mode:		802.11n(HT20)		Frequency(MHz):		5600	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7093.172	36.46	10.64	38.30	41.77	50.57	74.00	-23.43	Vertical	
9007.715	36.61	11.80	37.30	40.34	51.45	74.00	-22.55	Vertical	
11200.000	37.86	13.68	37.51	37.59	51.62	74.00	-22.38	Vertical	
13217.380	38.71	15.61	39.57	37.19	51.94	74.00	-22.06	Vertical	
15800.410	41.28	17.31	39.69	33.79	52.69	74.00	-21.31	Vertical	
16800.000	42.76	18.24	38.45	30.99	53.54	74.00	-20.46	Vertical	
8328.564	36.20	11.58	37.37	41.28	51.69	74.00	-22.31	Horizontal	
9659.786	37.53	12.53	36.96	40.02	53.12	74.00	-20.88	Horizontal	
11200.000	37.86	13.68	37.51	38.65	52.68	74.00	-21.32	Horizontal	
13192.440	38.72	15.60	39.54	38.06	52.84	74.00	-21.16	Horizontal	
15214.630	41.34	16.75	40.28	35.13	52.94	74.00	-21.06	Horizontal	
16800.000	42.76	18.24	38.45	29.84	52.39	74.00	-21.61	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 211 of 345

Test mode:		802.11n(HT20)		Frequency(MHz):		5700	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7678.832	36.41	10.89	37.71	41.41	51.00	74.00	-23.00	Vertical	
9659.786	37.53	12.53	36.96	39.57	52.67	74.00	-21.33	Vertical	
11400.000	38.02	13.91	37.71	38.59	52.81	74.00	-21.19	Vertical	
13192.440	38.72	15.60	39.54	36.45	51.23	74.00	-22.77	Vertical	
15185.920	41.34	16.72	40.31	35.60	53.35	74.00	-20.65	Vertical	
17100.000	42.92	19.02	38.11	29.18	53.01	74.00	-20.99	Vertical	
8328.564	36.20	11.58	37.37	40.66	51.07	74.00	-22.93	Horizontal	
9881.246	37.58	12.65	36.86	39.53	52.90	74.00	-21.10	Horizontal	
11400.000	38.02	13.91	37.71	37.22	51.44	74.00	-22.56	Horizontal	
13804.270	38.97	16.03	40.27	37.47	52.20	74.00	-21.80	Horizontal	
16040.990	41.32	17.51	39.45	33.94	53.32	74.00	-20.68	Horizontal	
17100.000	42.92	19.02	38.11	28.97	52.80	74.00	-21.20	Horizontal	

Test mode:		802.11n(HT20)		Frequency(MHz):		5745	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7093.172	36.46	10.64	38.30	42.09	50.89	74.00	-23.11	Vertical	
9007.715	36.61	11.80	37.30	39.92	51.03	74.00	-22.97	Vertical	
11490.000	38.09	14.01	37.80	37.75	52.05	74.00	-21.95	Vertical	
12775.540	38.84	14.93	39.08	37.07	51.76	74.00	-22.24	Vertical	
16010.720	41.23	17.50	39.49	32.73	51.97	74.00	-22.03	Vertical	
17235.000	43.08	19.50	37.98	28.01	52.61	74.00	-21.39	Vertical	
7664.340	36.40	10.88	37.72	41.30	50.86	74.00	-23.14	Horizontal	
9937.399	37.59	12.68	36.83	39.27	52.71	74.00	-21.29	Horizontal	
11490.000	38.09	14.01	37.80	38.17	52.47	74.00	-21.53	Horizontal	
13804.270	38.97	16.03	40.27	36.74	51.47	74.00	-22.53	Horizontal	
16010.720	41.23	17.50	39.49	34.33	53.57	74.00	-20.43	Horizontal	
17235.000	43.08	19.50	37.98	28.61	53.21	74.00	-20.79	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 212 of 345

Test mode:		802.11n(HT20)		Frequency(MHz):		5785	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7120.020	36.45	10.65	38.27	42.13	50.96	74.00	-23.04	Vertical	
9007.715	36.61	11.80	37.30	41.83	52.94	74.00	-21.06	Vertical	
11570.000	38.17	14.09	37.88	38.80	53.18	74.00	-20.82	Vertical	
12751.430	38.85	14.86	39.06	37.86	52.51	74.00	-21.49	Vertical	
15830.290	41.27	17.34	39.67	33.93	52.87	74.00	-21.13	Vertical	
17355.000	43.23	19.92	37.87	27.29	52.57	74.00	-21.43	Vertical	
7678.832	36.41	10.89	37.71	41.71	51.30	74.00	-22.70	Horizontal	
9659.786	37.53	12.53	36.96	39.37	52.47	74.00	-21.53	Horizontal	
11570.000	38.17	14.09	37.88	37.78	52.16	74.00	-21.84	Horizontal	
13217.380	38.71	15.61	39.57	36.71	51.46	74.00	-22.54	Horizontal	
15800.410	41.28	17.31	39.69	34.21	53.11	74.00	-20.89	Horizontal	
17355.000	43.23	19.92	37.87	27.59	52.87	74.00	-21.13	Horizontal	

Test mode:		802.11n(HT20)		Frequency(MHz):		5825	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7106.583	36.46	10.64	38.29	41.94	50.75	74.00	-23.25	Vertical	
8328.564	36.20	11.58	37.37	41.53	51.94	74.00	-22.06	Vertical	
11650.000	38.25	14.18	37.96	38.54	53.01	74.00	-20.99	Vertical	
13830.370	39.00	16.06	40.30	36.98	51.74	74.00	-22.26	Vertical	
16627.150	42.73	17.87	38.68	30.88	52.80	74.00	-21.20	Vertical	
17475.000	43.37	20.33	37.77	27.40	53.33	74.00	-20.67	Vertical	
7106.583	36.46	10.64	38.29	41.34	50.15	74.00	-23.85	Horizontal	
8990.716	36.59	11.79	37.30	41.16	52.24	74.00	-21.76	Horizontal	
11650.000	38.25	14.18	37.96	38.13	52.60	74.00	-21.40	Horizontal	
13778.220	38.94	16.00	40.24	37.09	51.79	74.00	-22.21	Horizontal	
16010.720	41.23	17.50	39.49	33.37	52.61	74.00	-21.39	Horizontal	
17475.000	43.37	20.33	37.77	27.72	53.65	74.00	-20.35	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 213 of 345

Test mode:		802.11ac(HT20)		Frequency(MHz):		5180		Remark:		Peak	
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization			
7093.172	36.46	10.64	38.30	41.79	50.59	74.00	-23.41	Vertical			
8990.716	36.59	11.79	37.30	40.61	51.69	74.00	-22.31	Vertical			
10360.000	37.24	12.98	36.99	37.14	50.37	74.00	-23.63	Vertical			
11734.470	38.34	14.27	38.04	38.25	52.82	74.00	-21.18	Vertical			
15540.000	41.38	17.07	39.95	34.53	53.03	74.00	-20.97	Vertical			
17596.580	43.58	20.75	37.66	26.28	52.95	74.00	-21.05	Vertical			
7678.832	36.41	10.89	37.71	41.25	50.84	74.00	-23.16	Horizontal			
8990.716	36.59	11.79	37.30	39.29	50.37	74.00	-23.63	Horizontal			
10360.000	37.24	12.98	36.99	39.58	52.81	74.00	-21.19	Horizontal			
12751.430	38.85	14.86	39.06	37.01	51.66	74.00	-22.34	Horizontal			
15540.000	41.38	17.07	39.95	33.76	52.26	74.00	-21.74	Horizontal			
17830.800	44.00	21.55	37.45	24.79	52.89	74.00	-21.11	Horizontal			

Test mode:		802.11ac(HT20)		Frequency(MHz):		5220	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7664.340	36.40	10.88	37.72	40.50	50.06	74.00	-23.94	Vertical	
8328.564	36.20	11.58	37.37	41.15	51.56	74.00	-22.44	Vertical	
10440.000	37.16	13.04	37.03	38.11	51.28	74.00	-22.72	Vertical	
12751.430	38.85	14.86	39.06	36.64	51.29	74.00	-22.71	Vertical	
15660.000	41.34	17.18	39.83	34.04	52.73	74.00	-21.27	Vertical	
17464.130	43.36	20.30	37.78	27.12	53.00	74.00	-21.00	Vertical	
7678.832	36.41	10.89	37.71	42.22	51.81	74.00	-22.19	Horizontal	
9659.786	37.53	12.53	36.96	40.03	53.13	74.00	-20.87	Horizontal	
10440.000	37.16	13.04	37.03	39.42	52.59	74.00	-21.41	Horizontal	
12751.430	38.85	14.86	39.06	37.35	52.00	74.00	-22.00	Horizontal	
15660.000	41.34	17.18	39.83	34.14	52.83	74.00	-21.17	Horizontal	
17830.800	44.00	21.55	37.45	25.28	53.38	74.00	-20.62	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 214 of 345

Test mode:		802.11ac(HT20)		Frequency(MHz):		5240	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7120.020	36.45	10.65	38.27	43.57	52.40	74.00	-21.60	Vertical	
8990.716	36.59	11.79	37.30	39.55	50.63	74.00	-23.37	Vertical	
10480.000	37.12	13.07	37.05	38.25	51.39	74.00	-22.61	Vertical	
13192.440	38.72	15.60	39.54	36.41	51.19	74.00	-22.81	Vertical	
15720.000	41.31	17.24	39.77	34.48	53.26	74.00	-20.74	Vertical	
17864.510	44.06	21.66	37.42	25.34	53.64	74.00	-20.36	Vertical	
7079.786	36.47	10.63	38.32	41.38	50.16	74.00	-23.84	Horizontal	
8328.564	36.20	11.58	37.37	42.93	53.34	74.00	-20.66	Horizontal	
10480.000	37.12	13.07	37.05	39.08	52.22	74.00	-21.78	Horizontal	
12775.540	38.84	14.93	39.08	38.23	52.92	74.00	-21.08	Horizontal	
15720.000	41.31	17.24	39.77	33.89	52.67	74.00	-21.33	Horizontal	
17830.800	44.00	21.55	37.45	25.35	53.45	74.00	-20.55	Horizontal	

Test mode:		802.11ac(HT20)		Frequency(MHz):		5260	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
8328.564	36.20	11.58	37.37	41.19	51.60	74.00	-22.40	Vertical	
10520.000	37.12	13.10	37.07	39.71	52.86	74.00	-21.14	Vertical	
11756.660	38.36	14.30	38.06	35.56	50.16	74.00	-23.84	Vertical	
13804.270	38.97	16.03	40.27	36.46	51.19	74.00	-22.81	Vertical	
15780.000	41.29	17.29	39.71	34.64	53.51	74.00	-20.49	Vertical	
17830.800	44.00	21.55	37.45	24.88	52.98	74.00	-21.02	Vertical	
7678.832	36.41	10.89	37.71	42.94	52.53	74.00	-21.47	Horizontal	
10520.000	37.12	13.10	37.07	39.37	52.52	74.00	-21.48	Horizontal	
11734.470	38.34	14.27	38.04	37.04	51.61	74.00	-22.39	Horizontal	
13192.440	38.72	15.60	39.54	37.16	51.94	74.00	-22.06	Horizontal	
15780.000	41.29	17.29	39.71	33.61	52.48	74.00	-21.52	Horizontal	
17898.290	44.12	21.78	37.39	24.75	53.26	74.00	-20.74	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 215 of 345

Test mode:		802.11ac(HT20)		Frequency(MHz):		5300	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
8328.564	36.20	11.58	37.37	40.29	50.70	74.00	-23.30	Vertical	
10600.000	37.22	13.16	37.11	39.09	52.36	74.00	-21.64	Vertical	
11756.660	38.36	14.30	38.06	36.85	51.45	74.00	-22.55	Vertical	
13804.270	38.97	16.03	40.27	37.47	52.20	74.00	-21.80	Vertical	
15900.000	41.24	17.41	39.60	33.70	52.75	74.00	-21.25	Vertical	
17864.510	44.06	21.66	37.42	25.02	53.32	74.00	-20.68	Vertical	
7133.481	36.45	10.65	38.26	43.06	51.90	74.00	-22.10	Horizontal	
9007.715	36.61	11.80	37.30	39.27	50.38	74.00	-23.62	Horizontal	
10600.000	37.22	13.16	37.11	39.47	52.74	74.00	-21.26	Horizontal	
13217.380	38.71	15.61	39.57	37.33	52.08	74.00	-21.92	Horizontal	
15900.000	41.24	17.41	39.60	33.81	52.86	74.00	-21.14	Horizontal	
17830.800	44.00	21.55	37.45	25.23	53.33	74.00	-20.67	Horizontal	

Test mode:		802.11ac(HT20)		Frequency(MHz):		5320	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7106.583	36.46	10.64	38.29	41.42	50.23	74.00	-23.77	Vertical	
8328.564	36.20	11.58	37.37	40.98	51.39	74.00	-22.61	Vertical	
10640.000	37.27	13.19	37.13	39.42	52.75	74.00	-21.25	Vertical	
12775.540	38.84	14.93	39.08	36.93	51.62	74.00	-22.38	Vertical	
14512.850	40.42	16.40	40.50	36.17	52.49	74.00	-21.51	Vertical	
15960.000	41.22	17.46	39.54	33.57	52.71	74.00	-21.29	Vertical	
8328.564	36.20	11.58	37.37	41.10	51.51	74.00	-22.49	Horizontal	
10640.000	37.27	13.19	37.13	39.75	53.08	74.00	-20.92	Horizontal	
11734.470	38.34	14.27	38.04	37.47	52.04	74.00	-21.96	Horizontal	
13192.440	38.72	15.60	39.54	36.58	51.36	74.00	-22.64	Horizontal	
15960.000	41.22	17.46	39.54	33.85	52.99	74.00	-21.01	Horizontal	
17932.130	44.18	21.89	37.36	24.50	53.21	74.00	-20.79	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 216 of 345

Test mode:		802.11ac(HT20)		Frequency(MHz):		5500	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7664.340	36.40	10.88	37.72	41.19	50.75	74.00	-23.25	Vertical	
9659.786	37.53	12.53	36.96	39.80	52.90	74.00	-21.10	Vertical	
11000.000	37.70	13.45	37.30	38.48	52.33	74.00	-21.67	Vertical	
12775.540	38.84	14.93	39.08	37.24	51.93	74.00	-22.07	Vertical	
14512.850	40.42	16.40	40.50	36.54	52.86	74.00	-21.14	Vertical	
16500.000	42.70	17.59	38.84	31.35	52.80	74.00	-21.20	Vertical	
7039.780	36.48	10.62	38.36	41.39	50.13	74.00	-23.87	Horizontal	
8990.716	36.59	11.79	37.30	40.10	51.18	74.00	-22.82	Horizontal	
11000.000	37.70	13.45	37.30	38.90	52.75	74.00	-21.25	Horizontal	
12751.430	38.85	14.86	39.06	37.30	51.95	74.00	-22.05	Horizontal	
14485.460	40.37	16.39	40.50	36.82	53.08	74.00	-20.92	Horizontal	
16500.000	42.70	17.59	38.84	30.66	52.11	74.00	-21.89	Horizontal	

Test mode:		802.11ac(HT20)		Frequency(MHz):		5600	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7026.495	36.49	10.61	38.37	43.34	52.07	74.00	-21.93	Vertical	
8344.312	36.18	11.61	37.36	40.41	50.84	74.00	-23.16	Vertical	
11200.000	37.86	13.68	37.51	38.16	52.19	74.00	-21.81	Vertical	
12751.430	38.85	14.86	39.06	36.57	51.22	74.00	-22.78	Vertical	
14512.850	40.42	16.40	40.50	36.50	52.82	74.00	-21.18	Vertical	
16800.000	42.76	18.24	38.45	30.56	53.11	74.00	-20.89	Vertical	
7678.832	36.41	10.89	37.71	42.13	51.72	74.00	-22.28	Horizontal	
9659.786	37.53	12.53	36.96	39.42	52.52	74.00	-21.48	Horizontal	
11200.000	37.86	13.68	37.51	38.00	52.03	74.00	-21.97	Horizontal	
13217.380	38.71	15.61	39.57	35.73	50.48	74.00	-23.52	Horizontal	
15014.780	41.30	16.55	40.48	36.22	53.59	74.00	-20.41	Horizontal	
16800.000	42.76	18.24	38.45	30.14	52.69	74.00	-21.31	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 217 of 345

Test mode:		802.11ac(HT20)		Frequency(MHz):		5700	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7678.832	36.41	10.89	37.71	40.47	50.06	74.00	-23.94	Vertical	
9659.786	37.53	12.53	36.96	39.92	53.02	74.00	-20.98	Vertical	
11400.000	38.02	13.91	37.71	38.25	52.47	74.00	-21.53	Vertical	
13167.540	38.73	15.59	39.51	36.98	51.79	74.00	-22.21	Vertical	
15214.630	41.34	16.75	40.28	35.18	52.99	74.00	-21.01	Vertical	
17100.000	42.92	19.02	38.11	29.41	53.24	74.00	-20.76	Vertical	
7026.495	36.49	10.61	38.37	43.28	52.01	74.00	-21.99	Horizontal	
9862.599	37.57	12.64	36.87	39.42	52.76	74.00	-21.24	Horizontal	
11400.000	38.02	13.91	37.71	37.09	51.31	74.00	-22.69	Horizontal	
13804.270	38.97	16.03	40.27	37.04	51.77	74.00	-22.23	Horizontal	
15800.410	41.28	17.31	39.69	34.03	52.93	74.00	-21.07	Horizontal	
17100.000	42.92	19.02	38.11	29.50	53.33	74.00	-20.67	Horizontal	

Test mode:		802.11ac(HT20)		Frequency(MHz):		5745	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7079.786	36.47	10.63	38.32	43.98	52.76	74.00	-21.24	Vertical	
9007.715	36.61	11.80	37.30	39.37	50.48	74.00	-23.52	Vertical	
11490.000	38.09	14.01	37.80	37.65	51.95	74.00	-22.05	Vertical	
13882.720	39.06	16.12	40.36	36.24	51.06	74.00	-22.94	Vertical	
15800.410	41.28	17.31	39.69	34.75	53.65	74.00	-20.35	Vertical	
17235.000	43.08	19.50	37.98	28.15	52.75	74.00	-21.25	Vertical	
7678.832	36.41	10.89	37.71	40.66	50.25	74.00	-23.75	Horizontal	
8990.716	36.59	11.79	37.30	38.98	50.06	74.00	-23.94	Horizontal	
11490.000	38.09	14.01	37.80	38.43	52.73	74.00	-21.27	Horizontal	
13167.540	38.73	15.59	39.51	37.77	52.58	74.00	-21.42	Horizontal	
14512.850	40.42	16.40	40.50	36.72	53.04	74.00	-20.96	Horizontal	
17235.000	43.08	19.50	37.98	28.35	52.95	74.00	-21.05	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 218 of 345

Test mode:		802.11ac(HT20)		Frequency(MHz):		5785	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
8328.564	36.20	11.58	37.37	41.47	51.88	74.00	-22.12	Vertical	
10069.670	37.53	12.76	36.84	39.61	53.06	74.00	-20.94	Vertical	
11570.000	38.17	14.09	37.88	37.53	51.91	74.00	-22.09	Vertical	
13804.270	38.97	16.03	40.27	37.42	52.15	74.00	-21.85	Vertical	
16010.720	41.23	17.50	39.49	33.44	52.68	74.00	-21.32	Vertical	
17355.000	43.23	19.92	37.87	28.03	53.31	74.00	-20.69	Vertical	
7106.583	36.46	10.64	38.29	43.04	51.85	74.00	-22.15	Horizontal	
8344.312	36.18	11.61	37.36	42.02	52.45	74.00	-21.55	Horizontal	
11570.000	38.17	14.09	37.88	38.35	52.73	74.00	-21.27	Horizontal	
12775.540	38.84	14.93	39.08	36.69	51.38	74.00	-22.62	Horizontal	
14929.940	41.18	16.52	40.50	36.08	53.28	74.00	-20.72	Horizontal	
17355.000	43.23	19.92	37.87	28.26	53.54	74.00	-20.46	Horizontal	

Test mode:		802.11ac(HT20)		Frequency(MHz):		5825	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7093.172	36.46	10.64	38.30	42.81	51.61	74.00	-22.39	Vertical	
9659.786	37.53	12.53	36.96	39.39	52.49	74.00	-21.51	Vertical	
11650.000	38.25	14.18	37.96	36.75	51.22	74.00	-22.78	Vertical	
13830.370	39.00	16.06	40.30	37.78	52.54	74.00	-21.46	Vertical	
16040.990	41.32	17.51	39.45	33.82	53.20	74.00	-20.80	Vertical	
17475.000	43.37	20.33	37.77	27.45	53.38	74.00	-20.62	Vertical	
7093.172	36.46	10.64	38.30	41.47	50.27	74.00	-23.73	Horizontal	
8328.564	36.20	11.58	37.37	41.50	51.91	74.00	-22.09	Horizontal	
9993.873	37.60	12.71	36.80	39.00	52.51	74.00	-21.49	Horizontal	
11650.000	38.25	14.18	37.96	37.25	51.72	74.00	-22.28	Horizontal	
14845.570	41.03	16.50	40.50	36.17	53.20	74.00	-20.80	Horizontal	
17475.000	43.37	20.33	37.77	26.71	52.64	74.00	-21.36	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 219 of 345

Test mode:		802.11n(HT40)		Frequency(MHz):		5190	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7664.340	36.40	10.88	37.72	40.98	50.54	74.00	-23.46	Vertical	
10380.000	37.22	13.00	37.00	39.66	52.88	74.00	-21.12	Vertical	
11734.470	38.34	14.27	38.04	37.22	51.79	74.00	-22.21	Vertical	
13830.370	39.00	16.06	40.30	37.76	52.52	74.00	-21.48	Vertical	
15570.000	41.37	17.09	39.92	34.31	52.85	74.00	-21.15	Vertical	
17830.800	44.00	21.55	37.45	24.53	52.63	74.00	-21.37	Vertical	
7678.832	36.41	10.89	37.71	41.50	51.09	74.00	-22.91	Horizontal	
10380.000	37.22	13.00	37.00	39.75	52.97	74.00	-21.03	Horizontal	
11734.470	38.34	14.27	38.04	38.19	52.76	74.00	-21.24	Horizontal	
13167.540	38.73	15.59	39.51	38.51	53.32	74.00	-20.68	Horizontal	
15570.000	41.37	17.09	39.92	33.43	51.97	74.00	-22.03	Horizontal	
17830.800	44.00	21.55	37.45	24.95	53.05	74.00	-20.95	Horizontal	

Test mode:		802.11n(HT40)		Frequency(MHz):		5230	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7079.786	36.47	10.63	38.32	42.81	51.59	74.00	-22.41	Vertical	
8344.312	36.18	11.61	37.36	42.29	52.72	74.00	-21.28	Vertical	
10460.000	37.14	13.06	37.04	39.77	52.93	74.00	-21.07	Vertical	
12751.430	38.85	14.86	39.06	37.51	52.16	74.00	-21.84	Vertical	
15690.000	41.32	17.21	39.80	33.97	52.70	74.00	-21.30	Vertical	
17830.800	44.00	21.55	37.45	25.24	53.34	74.00	-20.66	Vertical	
7693.350	36.42	10.90	37.69	40.74	50.37	74.00	-23.63	Horizontal	
8328.564	36.20	11.58	37.37	41.70	52.11	74.00	-21.89	Horizontal	
10460.000	37.14	13.06	37.04	39.21	52.37	74.00	-21.63	Horizontal	
13242.370	38.70	15.61	39.60	37.38	52.09	74.00	-21.91	Horizontal	
15690.000	41.32	17.21	39.80	34.28	53.01	74.00	-20.99	Horizontal	
17830.800	44.00	21.55	37.45	24.96	53.06	74.00	-20.94	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 220 of 345

Test mode:		802.11n(HT40)		Frequency(MHz):		5270	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7106.583	36.46	10.64	38.29	42.08	50.89	74.00	-23.11	Vertical	
9659.786	37.53	12.53	36.96	39.73	52.83	74.00	-21.17	Vertical	
10540.000	37.15	13.12	37.08	38.64	51.83	74.00	-22.17	Vertical	
13167.540	38.73	15.59	39.51	37.46	52.27	74.00	-21.73	Vertical	
15810.000	41.28	17.32	39.69	33.88	52.79	74.00	-21.21	Vertical	
17797.150	43.94	21.44	37.48	25.34	53.24	74.00	-20.76	Vertical	
7678.832	36.41	10.89	37.71	41.35	50.94	74.00	-23.06	Horizontal	
9659.786	37.53	12.53	36.96	39.84	52.94	74.00	-21.06	Horizontal	
10540.000	37.15	13.12	37.08	39.88	53.07	74.00	-20.93	Horizontal	
13830.370	39.00	16.06	40.30	37.97	52.73	74.00	-21.27	Horizontal	
15810.000	41.28	17.32	39.69	34.54	53.45	74.00	-20.55	Horizontal	
17966.030	44.24	22.01	37.33	24.23	53.15	74.00	-20.85	Horizontal	

Test mode:		802.11n(HT40)		Frequency(MHz):		5310	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7678.832	36.41	10.89	37.71	40.81	50.40	74.00	-23.60	Vertical	
9007.715	36.61	11.80	37.30	41.08	52.19	74.00	-21.81	Vertical	
10620.000	37.25	13.18	37.12	37.90	51.21	74.00	-22.79	Vertical	
13167.540	38.73	15.59	39.51	38.12	52.93	74.00	-21.07	Vertical	
15930.000	41.23	17.43	39.57	33.64	52.73	74.00	-21.27	Vertical	
17730.040	43.82	21.21	37.54	25.95	53.44	74.00	-20.56	Vertical	
8344.312	36.18	11.61	37.36	40.82	51.25	74.00	-22.75	Horizontal	
10620.000	37.25	13.18	37.12	38.63	51.94	74.00	-22.06	Horizontal	
11734.470	38.34	14.27	38.04	37.99	52.56	74.00	-21.44	Horizontal	
13804.270	38.97	16.03	40.27	36.91	51.64	74.00	-22.36	Horizontal	
15930.000	41.23	17.43	39.57	34.49	53.58	74.00	-20.42	Horizontal	
17830.800	44.00	21.55	37.45	24.43	52.53	74.00	-21.47	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 221 of 345

Test mode:		802.11n(HT40)		Frequency(MHz):		5510	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
8344.312	36.18	11.61	37.36	40.29	50.72	74.00	-23.28	Vertical	
9659.786	37.53	12.53	36.96	40.15	53.25	74.00	-20.75	Vertical	
11020.000	37.72	13.47	37.32	38.43	52.30	74.00	-21.70	Vertical	
12751.430	38.85	14.86	39.06	37.55	52.20	74.00	-21.80	Vertical	
14485.460	40.37	16.39	40.50	37.05	53.31	74.00	-20.69	Vertical	
16530.000	42.71	17.66	38.80	31.77	53.34	74.00	-20.66	Vertical	
7093.172	36.46	10.64	38.30	41.92	50.72	74.00	-23.28	Horizontal	
9007.715	36.61	11.80	37.30	42.34	53.45	74.00	-20.55	Horizontal	
11020.000	37.72	13.47	37.32	38.33	52.20	74.00	-21.80	Horizontal	
12775.540	38.84	14.93	39.08	37.43	52.12	74.00	-21.88	Horizontal	
14512.850	40.42	16.40	40.50	36.16	52.48	74.00	-21.52	Horizontal	
16530.000	42.71	17.66	38.80	31.00	52.57	74.00	-21.43	Horizontal	

Test mode:		802.11n(HT40)		Frequency(MHz):		5590	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7006.614	36.50	10.60	38.39	41.98	50.69	74.00	-23.31	Vertical	
8344.312	36.18	11.61	37.36	40.82	51.25	74.00	-22.75	Vertical	
11180.000	37.85	13.66	37.49	38.53	52.55	74.00	-21.45	Vertical	
12751.430	38.85	14.86	39.06	38.16	52.81	74.00	-21.19	Vertical	
14650.570	40.67	16.44	40.50	35.47	52.08	74.00	-21.92	Vertical	
16770.000	42.75	18.18	38.49	30.64	53.08	74.00	-20.92	Vertical	
7079.786	36.47	10.63	38.32	41.95	50.73	74.00	-23.27	Horizontal	
8990.716	36.59	11.79	37.30	41.67	52.75	74.00	-21.25	Horizontal	
11180.000	37.85	13.66	37.49	37.92	51.94	74.00	-22.06	Horizontal	
13804.270	38.97	16.03	40.27	38.04	52.77	74.00	-21.23	Horizontal	
15534.070	41.39	17.06	39.96	34.46	52.95	74.00	-21.05	Horizontal	
16770.000	42.75	18.18	38.49	30.93	53.37	74.00	-20.63	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 222 of 345

Test mode:		802.11n(HT40)		Frequency(MHz):		5670	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7120.020	36.45	10.65	38.27	42.05	50.88	74.00	-23.12	Vertical	
8328.564	36.20	11.58	37.37	41.77	52.18	74.00	-21.82	Vertical	
11340.000	37.97	13.84	37.65	38.17	52.33	74.00	-21.67	Vertical	
13217.380	38.71	15.61	39.57	37.45	52.20	74.00	-21.80	Vertical	
15157.260	41.33	16.70	40.34	35.84	53.53	74.00	-20.47	Vertical	
17010.000	42.81	18.71	38.19	28.97	52.30	74.00	-21.70	Vertical	
7678.832	36.41	10.89	37.71	41.19	50.78	74.00	-23.22	Horizontal	
9659.786	37.53	12.53	36.96	40.05	53.15	74.00	-20.85	Horizontal	
11340.000	37.97	13.84	37.65	37.42	51.58	74.00	-22.42	Horizontal	
12775.540	38.84	14.93	39.08	37.97	52.66	74.00	-21.34	Horizontal	
14512.850	40.42	16.40	40.50	36.36	52.68	74.00	-21.32	Horizontal	
17010.000	42.81	18.71	38.19	29.79	53.12	74.00	-20.88	Horizontal	

Test mode:		802.11n(HT40)		Frequency(MHz):		5755	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7678.832	36.41	10.89	37.71	41.88	51.47	74.00	-22.53	Vertical	
9993.873	37.60	12.71	36.80	38.66	52.17	74.00	-21.83	Vertical	
11510.000	38.11	14.03	37.82	37.98	52.30	74.00	-21.70	Vertical	
13217.380	38.71	15.61	39.57	37.23	51.98	74.00	-22.02	Vertical	
15417.140	41.38	16.95	40.07	35.04	53.30	74.00	-20.70	Vertical	
17265.000	43.12	19.60	37.96	28.75	53.51	74.00	-20.49	Vertical	
7160.481	36.43	10.66	38.23	41.74	50.60	74.00	-23.40	Horizontal	
9007.715	36.61	11.80	37.30	41.23	52.34	74.00	-21.66	Horizontal	
11510.000	38.11	14.03	37.82	37.07	51.39	74.00	-22.61	Horizontal	
13217.380	38.71	15.61	39.57	37.47	52.22	74.00	-21.78	Horizontal	
15157.260	41.33	16.70	40.34	35.23	52.92	74.00	-21.08	Horizontal	
17265.000	43.12	19.60	37.96	28.50	53.26	74.00	-20.74	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 223 of 345

Test mode:		802.11n(HT40)		Frequency(MHz):		5795	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7093.172	36.46	10.64	38.30	42.02	50.82	74.00	-23.18	Vertical	
8328.564	36.20	11.58	37.37	41.09	51.50	74.00	-22.50	Vertical	
11590.000	38.19	14.12	37.90	36.87	51.28	74.00	-22.72	Vertical	
12751.430	38.85	14.86	39.06	37.52	52.17	74.00	-21.83	Vertical	
15214.630	41.34	16.75	40.28	35.22	53.03	74.00	-20.97	Vertical	
17385.000	43.26	20.02	37.85	27.95	53.38	74.00	-20.62	Vertical	
7093.172	36.46	10.64	38.30	41.99	50.79	74.00	-23.21	Horizontal	
9659.786	37.53	12.53	36.96	39.70	52.80	74.00	-21.20	Horizontal	
11590.000	38.19	14.12	37.90	38.52	52.93	74.00	-21.07	Horizontal	
13830.370	39.00	16.06	40.30	37.37	52.13	74.00	-21.87	Horizontal	
15740.830	41.30	17.26	39.75	34.40	53.21	74.00	-20.79	Horizontal	
17385.000	43.26	20.02	37.85	28.02	53.45	74.00	-20.55	Horizontal	

Test mode:		802.11ac(HT40)		Frequency(MHz):		5190	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
9007.715	36.61	11.80	37.30	39.06	50.17	74.00	-23.83	Vertical	
10380.000	37.22	13.00	37.00	38.89	52.11	74.00	-21.89	Vertical	
11712.330	38.31	14.25	38.02	37.10	51.64	74.00	-22.36	Vertical	
13778.220	38.94	16.00	40.24	38.02	52.72	74.00	-21.28	Vertical	
15570.000	41.37	17.09	39.92	33.94	52.48	74.00	-21.52	Vertical	
17763.560	43.88	21.32	37.51	25.56	53.25	74.00	-20.75	Vertical	
7678.832	36.41	10.89	37.71	41.57	51.16	74.00	-22.84	Horizontal	
10380.000	37.22	13.00	37.00	39.22	52.44	74.00	-21.56	Horizontal	
11067.070	37.75	13.53	37.37	38.39	52.30	74.00	-21.70	Horizontal	
12751.430	38.85	14.86	39.06	36.69	51.34	74.00	-22.66	Horizontal	
15570.000	41.37	17.09	39.92	34.09	52.63	74.00	-21.37	Horizontal	
17830.800	44.00	21.55	37.45	25.50	53.60	74.00	-20.40	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 224 of 345

Test mode:		802.11ac(HT40)		Frequency(MHz):		5230	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7678.832	36.41	10.89	37.71	41.29	50.88	74.00	-23.12	Vertical	
10460.000	37.14	13.06	37.04	39.09	52.25	74.00	-21.75	Vertical	
11734.470	38.34	14.27	38.04	37.15	51.72	74.00	-22.28	Vertical	
13804.270	38.97	16.03	40.27	37.59	52.32	74.00	-21.68	Vertical	
15690.000	41.32	17.21	39.80	33.97	52.70	74.00	-21.30	Vertical	
17797.150	43.94	21.44	37.48	25.48	53.38	74.00	-20.62	Vertical	
7093.172	36.46	10.64	38.30	41.87	50.67	74.00	-23.33	Horizontal	
10460.000	37.14	13.06	37.04	39.08	52.24	74.00	-21.76	Horizontal	
11734.470	38.34	14.27	38.04	37.15	51.72	74.00	-22.28	Horizontal	
13217.380	38.71	15.61	39.57	37.54	52.29	74.00	-21.71	Horizontal	
15690.000	41.32	17.21	39.80	33.89	52.62	74.00	-21.38	Horizontal	
17797.150	43.94	21.44	37.48	25.48	53.38	74.00	-20.62	Horizontal	

Test mode:		802.11ac(HT40)		Frequency(MHz):		5270	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
9007.715	36.61	11.80	37.30	39.20	50.31	74.00	-23.69	Vertical	
10540.000	37.15	13.12	37.08	39.23	52.42	74.00	-21.58	Vertical	
11756.660	38.36	14.30	38.06	36.88	51.48	74.00	-22.52	Vertical	
13804.270	38.97	16.03	40.27	37.91	52.64	74.00	-21.36	Vertical	
15810.000	41.28	17.32	39.69	33.99	52.90	74.00	-21.10	Vertical	
17797.150	43.94	21.44	37.48	25.37	53.27	74.00	-20.73	Vertical	
7678.832	36.41	10.89	37.71	41.89	51.48	74.00	-22.52	Horizontal	
10540.000	37.15	13.12	37.08	38.74	51.93	74.00	-22.07	Horizontal	
11734.470	38.34	14.27	38.04	37.28	51.85	74.00	-22.15	Horizontal	
13778.220	38.94	16.00	40.24	37.76	52.46	74.00	-21.54	Horizontal	
15810.000	41.28	17.32	39.69	34.35	53.26	74.00	-20.74	Horizontal	
17629.850	43.64	20.87	37.63	26.23	53.11	74.00	-20.89	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 225 of 345

Test mode:		802.11ac(HT40)		Frequency(MHz):		5310	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7106.583	36.46	10.64	38.29	42.13	50.94	74.00	-23.06	Vertical	
9659.786	37.53	12.53	36.96	39.67	52.77	74.00	-21.23	Vertical	
10620.000	37.25	13.18	37.12	38.63	51.94	74.00	-22.06	Vertical	
12751.430	38.85	14.86	39.06	36.81	51.46	74.00	-22.54	Vertical	
15930.000	41.23	17.43	39.57	34.25	53.34	74.00	-20.66	Vertical	
17932.130	44.18	21.89	37.36	24.27	52.98	74.00	-21.02	Vertical	
7106.583	36.46	10.64	38.29	41.93	50.74	74.00	-23.26	Horizontal	
8328.564	36.20	11.58	37.37	42.20	52.61	74.00	-21.39	Horizontal	
10620.000	37.25	13.18	37.12	39.09	52.40	74.00	-21.60	Horizontal	
13778.220	38.94	16.00	40.24	37.04	51.74	74.00	-22.26	Horizontal	
15930.000	41.23	17.43	39.57	33.92	53.01	74.00	-20.99	Horizontal	
17797.150	43.94	21.44	37.48	24.37	52.27	74.00	-21.73	Horizontal	

Test mode:		802.11ac(HT40)		Frequency(MHz):		5510	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
8344.312	36.18	11.61	37.36	40.69	51.12	74.00	-22.88	Vertical	
9659.786	37.53	12.53	36.96	39.57	52.67	74.00	-21.33	Vertical	
11020.000	37.72	13.47	37.32	37.28	51.15	74.00	-22.85	Vertical	
12775.540	38.84	14.93	39.08	37.31	52.00	74.00	-22.00	Vertical	
14485.460	40.37	16.39	40.50	36.57	52.83	74.00	-21.17	Vertical	
16530.000	42.71	17.66	38.80	31.81	53.38	74.00	-20.62	Vertical	
8328.564	36.20	11.58	37.37	40.84	51.25	74.00	-22.75	Horizontal	
10012.770	37.59	12.72	36.81	39.98	53.48	74.00	-20.52	Horizontal	
11020.000	37.72	13.47	37.32	38.51	52.38	74.00	-21.62	Horizontal	
12751.430	38.85	14.86	39.06	36.72	51.37	74.00	-22.63	Horizontal	
14901.760	41.13	16.51	40.50	35.56	52.70	74.00	-21.30	Horizontal	
16530.000	42.71	17.66	38.80	30.66	52.23	74.00	-21.77	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 226 of 345

Test mode:		802.11ac(HT40)		Frequency(MHz):		5590	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7093.172	36.46	10.64	38.30	42.10	50.90	74.00	-23.10	Vertical	
8328.564	36.20	11.58	37.37	40.66	51.07	74.00	-22.93	Vertical	
11180.000	37.85	13.66	37.49	38.94	52.96	74.00	-21.04	Vertical	
13217.380	38.71	15.61	39.57	37.25	52.00	74.00	-22.00	Vertical	
14929.940	41.18	16.52	40.50	35.96	53.16	74.00	-20.84	Vertical	
16770.000	42.75	18.18	38.49	30.43	52.87	74.00	-21.13	Vertical	
7053.090	36.48	10.62	38.34	42.81	51.57	74.00	-22.43	Horizontal	
8344.312	36.18	11.61	37.36	42.27	52.70	74.00	-21.30	Horizontal	
11180.000	37.85	13.66	37.49	37.70	51.72	74.00	-22.28	Horizontal	
13117.890	38.75	15.58	39.45	37.43	52.31	74.00	-21.69	Horizontal	
15800.410	41.28	17.31	39.69	33.96	52.86	74.00	-21.14	Horizontal	
16770.000	42.75	18.18	38.49	30.15	52.59	74.00	-21.41	Horizontal	

Test mode:		802.11ac(HT40)		Frequency(MHz):		5670	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7678.832	36.41	10.89	37.71	41.28	50.87	74.00	-23.13	Vertical	
9007.715	36.61	11.80	37.30	41.68	52.79	74.00	-21.21	Vertical	
11340.000	37.97	13.84	37.65	37.68	51.84	74.00	-22.16	Vertical	
13804.270	38.97	16.03	40.27	37.72	52.45	74.00	-21.55	Vertical	
16010.720	41.23	17.50	39.49	33.69	52.93	74.00	-21.07	Vertical	
17010.000	42.81	18.71	38.19	29.37	52.70	74.00	-21.30	Vertical	
7013.235	36.49	10.61	38.39	42.32	51.03	74.00	-22.97	Horizontal	
9007.715	36.61	11.80	37.30	41.10	52.21	74.00	-21.79	Horizontal	
11340.000	37.97	13.84	37.65	36.93	51.09	74.00	-22.91	Horizontal	
12751.430	38.85	14.86	39.06	37.84	52.49	74.00	-21.51	Horizontal	
14929.940	41.18	16.52	40.50	36.33	53.53	74.00	-20.47	Horizontal	
17010.000	42.81	18.71	38.19	29.30	52.63	74.00	-21.37	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 227 of 345

Test mode:		802.11ac(HT40)		Frequency(MHz):		5755	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7019.862	36.49	10.61	38.38	41.82	50.54	74.00	-23.46	Vertical	
8344.312	36.18	11.61	37.36	41.89	52.32	74.00	-21.68	Vertical	
11510.000	38.11	14.03	37.82	37.70	52.02	74.00	-21.98	Vertical	
14567.780	40.52	16.42	40.50	36.34	52.78	74.00	-21.22	Vertical	
16223.830	41.88	17.54	39.20	32.50	52.72	74.00	-21.28	Vertical	
17265.000	43.12	19.60	37.96	28.59	53.35	74.00	-20.65	Vertical	
7678.832	36.41	10.89	37.71	41.10	50.69	74.00	-23.31	Horizontal	
9659.786	37.53	12.53	36.96	39.98	53.08	74.00	-20.92	Horizontal	
11510.000	38.11	14.03	37.82	38.22	52.54	74.00	-21.46	Horizontal	
12751.430	38.85	14.86	39.06	36.73	51.38	74.00	-22.62	Horizontal	
14485.460	40.37	16.39	40.50	36.37	52.63	74.00	-21.37	Horizontal	
17265.000	43.12	19.60	37.96	28.62	53.38	74.00	-20.62	Horizontal	

Test mode:		802.11ac(HT40)		Frequency(MHz):		5795	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7678.832	36.41	10.89	37.71	41.16	50.75	74.00	-23.25	Vertical	
9881.246	37.58	12.65	36.86	39.68	53.05	74.00	-20.95	Vertical	
11590.000	38.19	14.12	37.90	37.91	52.32	74.00	-21.68	Vertical	
12775.540	38.84	14.93	39.08	37.65	52.34	74.00	-21.66	Vertical	
14512.850	40.42	16.40	40.50	36.43	52.75	74.00	-21.25	Vertical	
17385.000	43.26	20.02	37.85	27.64	53.07	74.00	-20.93	Vertical	
7664.340	36.40	10.88	37.72	41.29	50.85	74.00	-23.15	Horizontal	
9659.786	37.53	12.53	36.96	39.70	52.80	74.00	-21.20	Horizontal	
11590.000	38.19	14.12	37.90	37.96	52.37	74.00	-21.63	Horizontal	
13778.220	38.94	16.00	40.24	37.13	51.83	74.00	-22.17	Horizontal	
16040.990	41.32	17.51	39.45	33.50	52.88	74.00	-21.12	Horizontal	
17385.000	43.26	20.02	37.85	27.33	52.76	74.00	-21.24	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 228 of 345

Test mode:		802.11ac(HT80)		Frequency(MHz):		5120	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7678.832	36.41	10.89	37.71	41.38	50.97	74.00	-23.03	Vertical	
9659.786	37.53	12.53	36.96	39.91	53.01	74.00	-20.99	Vertical	
10420.000	37.18	13.03	37.02	39.47	52.66	74.00	-21.34	Vertical	
12751.430	38.85	14.86	39.06	36.72	51.37	74.00	-22.63	Vertical	
15630.000	41.35	17.15	39.86	34.23	52.87	74.00	-21.13	Vertical	
17830.800	44.00	21.55	37.45	24.67	52.77	74.00	-21.23	Vertical	
7093.172	36.46	10.64	38.30	41.77	50.57	74.00	-23.43	Horizontal	
8990.716	36.59	11.79	37.30	41.78	52.86	74.00	-21.14	Horizontal	
10420.000	37.18	13.03	37.02	39.25	52.44	74.00	-21.56	Horizontal	
12775.540	38.84	14.93	39.08	38.31	53.00	74.00	-21.00	Horizontal	
15630.000	41.35	17.15	39.86	34.14	52.78	74.00	-21.22	Horizontal	
17797.150	43.94	21.44	37.48	25.45	53.35	74.00	-20.65	Horizontal	

Test mode:		802.11ac(HT40)		Frequency(MHz):		5290		Remark:		Peak	
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization			
8328.564	36.20	11.58	37.37	41.37	51.78	74.00	-22.22	Vertical			
10580.000	37.20	13.15	37.10	39.29	52.54	74.00	-21.46	Vertical			
11734.470	38.34	14.27	38.04	37.32	51.89	74.00	-22.11	Vertical			
13778.220	38.94	16.00	40.24	36.75	51.45	74.00	-22.55	Vertical			
15870.000	41.25	17.38	39.63	33.11	52.11	74.00	-21.89	Vertical			
17830.800	44.00	21.55	37.45	25.31	53.41	74.00	-20.59	Vertical			
7160.481	36.43	10.66	38.23	41.94	50.80	74.00	-23.20	Horizontal			
8990.716	36.59	11.79	37.30	41.08	52.16	74.00	-21.84	Horizontal			
10580.000	37.20	13.15	37.10	39.63	52.88	74.00	-21.12	Horizontal			
13804.270	38.97	16.03	40.27	38.19	52.92	74.00	-21.08	Horizontal			
15870.000	41.25	17.38	39.63	32.11	51.11	74.00	-22.89	Horizontal			
17830.800	44.00	21.55	37.45	24.66	52.76	74.00	-21.24	Horizontal			



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 229 of 345

Test mode:		802.11ac(HT40)		Frequency(MHz):		5530	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7093.172	36.46	10.64	38.30	41.34	50.14	74.00	-23.86	Vertical	
8328.564	36.20	11.58	37.37	41.01	51.42	74.00	-22.58	Vertical	
11060.000	37.75	13.52	37.36	38.22	52.13	74.00	-21.87	Vertical	
12751.430	38.85	14.86	39.06	37.85	52.50	74.00	-21.50	Vertical	
14567.780	40.52	16.42	40.50	36.24	52.68	74.00	-21.32	Vertical	
16590.000	42.72	17.79	38.72	29.53	51.32	74.00	-22.68	Vertical	
7678.832	36.41	10.89	37.71	40.81	50.40	74.00	-23.60	Horizontal	
9956.188	37.59	12.69	36.82	39.23	52.69	74.00	-21.31	Horizontal	
11060.000	37.75	13.52	37.36	38.21	52.12	74.00	-21.88	Horizontal	
13804.270	38.97	16.03	40.27	38.22	52.95	74.00	-21.05	Horizontal	
16590.000	42.72	17.79	38.72	31.10	52.89	74.00	-21.11	Horizontal	
17932.130	44.18	21.89	37.36	24.50	53.21	74.00	-20.79	Horizontal	

Test mode:		802.11ac(HT40)		Frequency(MHz):		5610	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7678.832	36.41	10.89	37.71	41.14	50.73	74.00	-23.27	Vertical	
9659.786	37.53	12.53	36.96	40.29	53.39	74.00	-20.61	Vertical	
11220.000	37.88	13.70	37.53	38.31	52.36	74.00	-21.64	Vertical	
12775.540	38.84	14.93	39.08	37.04	51.73	74.00	-22.27	Vertical	
14512.850	40.42	16.40	40.50	36.14	52.46	74.00	-21.54	Vertical	
16830.000	42.77	18.31	38.42	29.53	52.19	74.00	-21.81	Vertical	
7079.786	36.47	10.63	38.32	41.89	50.67	74.00	-23.33	Horizontal	
8344.312	36.18	11.61	37.36	41.51	51.94	74.00	-22.06	Horizontal	
9881.246	37.58	12.65	36.86	40.01	53.38	74.00	-20.62	Horizontal	
11220.000	37.88	13.70	37.53	38.34	52.39	74.00	-21.61	Horizontal	
14567.780	40.52	16.42	40.50	37.00	53.44	74.00	-20.56	Horizontal	
16830.000	42.77	18.31	38.42	30.29	52.95	74.00	-21.05	Horizontal	



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 230 of 345

Test mode:		802.11ac(HT40)		Frequency(MHz):		5775	Remark:		Peak
Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
7664.340	36.40	10.88	37.72	41.74	51.30	74.00	-22.70	Vertical	
8990.716	36.59	11.79	37.30	41.03	52.11	74.00	-21.89	Vertical	
11550.000	38.15	14.07	37.86	38.11	52.47	74.00	-21.53	Vertical	
13117.890	38.75	15.58	39.45	36.17	51.05	74.00	-22.95	Vertical	
14929.940	41.18	16.52	40.50	35.98	53.18	74.00	-20.82	Vertical	
17325.000	43.19	19.81	37.90	27.51	52.61	74.00	-21.39	Vertical	
7106.583	36.46	10.64	38.29	41.36	50.17	74.00	-23.83	Horizontal	
9007.715	36.61	11.80	37.30	40.81	51.92	74.00	-22.08	Horizontal	
11550.000	38.15	14.07	37.86	36.85	51.21	74.00	-22.79	Horizontal	
13192.440	38.72	15.60	39.54	37.97	52.75	74.00	-21.25	Horizontal	
14929.940	41.18	16.52	40.50	35.92	53.12	74.00	-20.88	Horizontal	
17325.000	43.19	19.81	37.90	26.54	51.64	74.00	-22.36	Horizontal	

Remark:

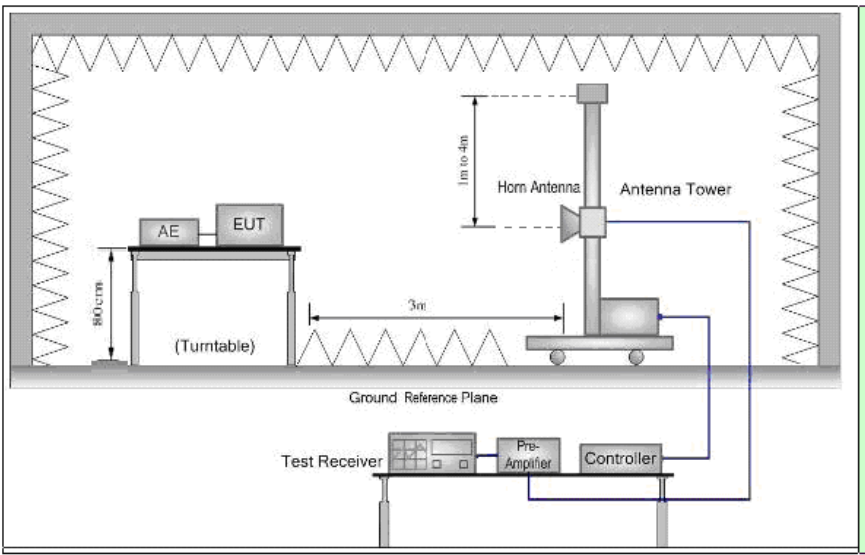
1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor

2) Scan from 9kHz to 25GHz, The disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported .

3) As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak measurements were shown in the report.

6.9 Restricted bands around fundamental frequency

Test Requirement:	47 CFR Part 15 Section 15.407(b)		
Test Method:	ANSI C63.10: 2013		
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)		
Limit:	Frequency	Limit (dBuV/m @3m)	Remark
	30MHz-88MHz	40.0	Quasi-peak Value
	88MHz-216MHz	43.5	Quasi-peak Value
	216MHz-960MHz	46.0	Quasi-peak Value
	960MHz-1GHz	54.0	Quasi-peak Value
	Above 1GHz	54.0	Average Value
		74.0	Peak Value
Test Setup:			



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 232 of 345

Test Procedure:	a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f. Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel g. Test the EUT in the outermost channels. h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case. i. Repeat above procedures until all frequencies measured was complete.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(HT20); MCS0 of rate is the worst case of 802.11ac(HT40); MCS0 of rate is the worst case of 802.11ac(HT80) Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass



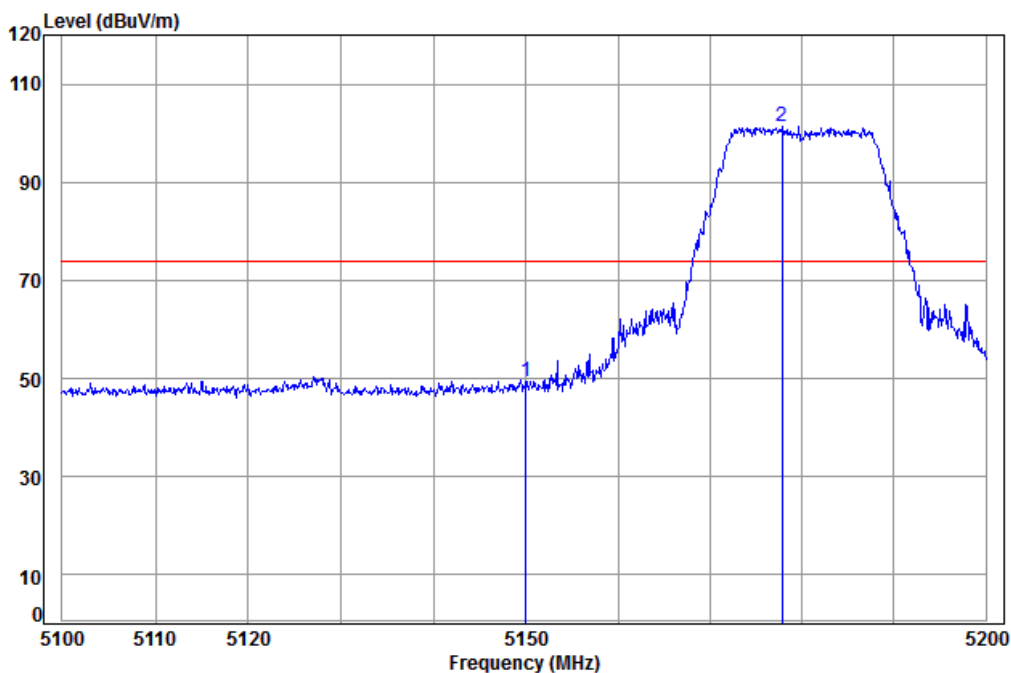
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 233 of 345

Test plot as follows:

Test mode:	802.11a	Frequency(MHz):	5180	Vertical
------------	---------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5180 Band edge

: A20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	8.08	34.47	39.08	45.97	49.44	74.00	-24.56	Peak
2	5177.833	8.09	34.46	39.08	97.83	101.30	74.00	27.30	Peak

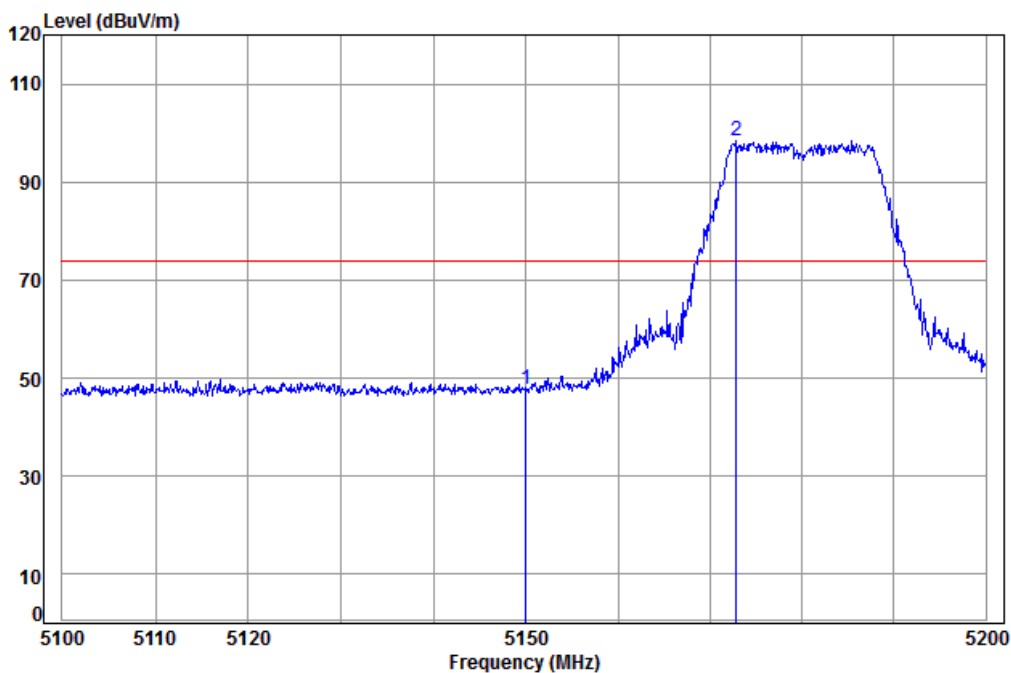


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 234 of 345

Test mode:	802.11a	Frequency(MHz):	5180	Horizontal
------------	---------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5180 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	44.16	47.63	74.00	-26.37 Peak
2 pp	5172.809	8.09	34.46	39.08	95.11	98.58	74.00	24.58 Peak

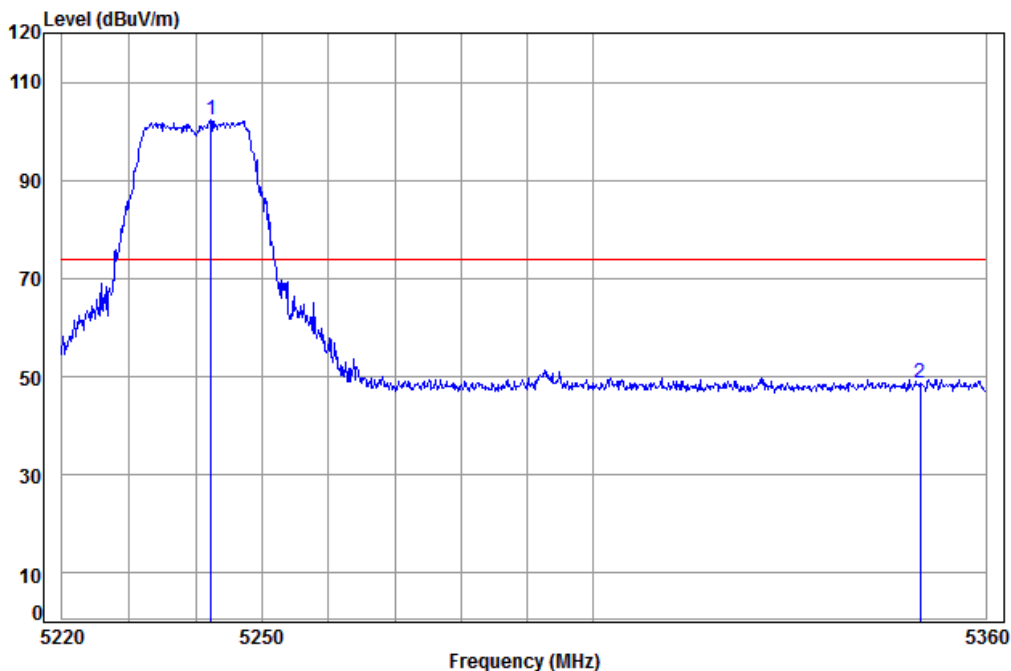


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 235 of 345

Test mode:	802.11a	Frequency(MHz):	5240	Vertical
------------	---------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5240 Band edge

: A20

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5242.291	8.12	34.45	39.07	98.83	102.33	74.00	28.33	Peak
2	5350.000	8.18	34.43	39.06	45.03	48.58	74.00	-25.42	Peak

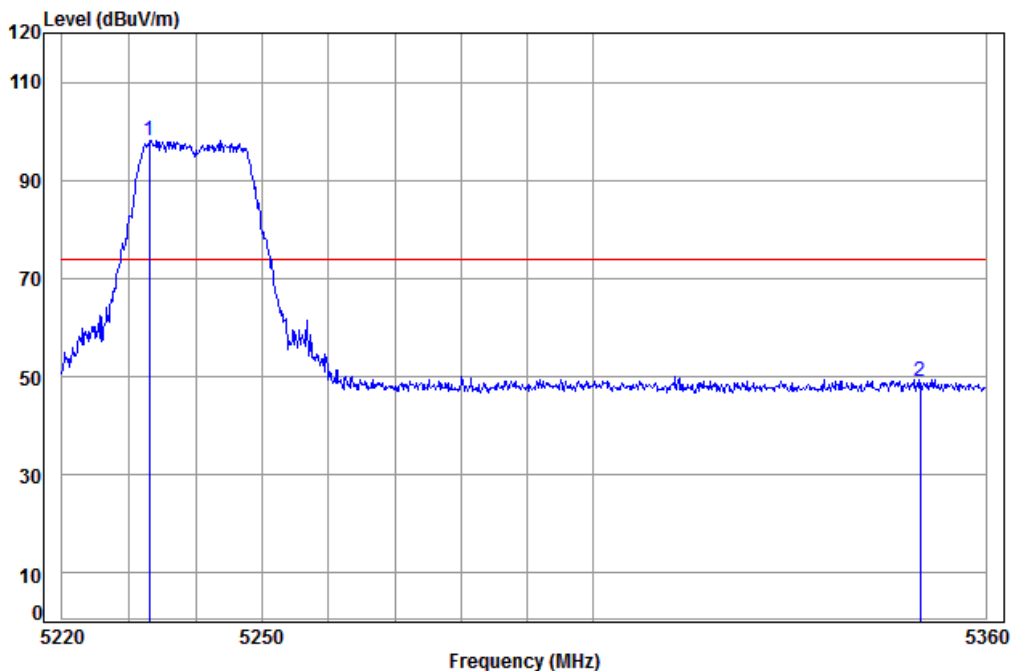


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 236 of 345

Test mode:	802.11a	Frequency(MHz):	5240	Horizontal
------------	---------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5240 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5233.003	8.12	34.45	39.08	94.68	98.17	74.00	24.17 Peak
2	5350.000	8.18	34.43	39.06	45.65	49.20	74.00	-24.80 Peak

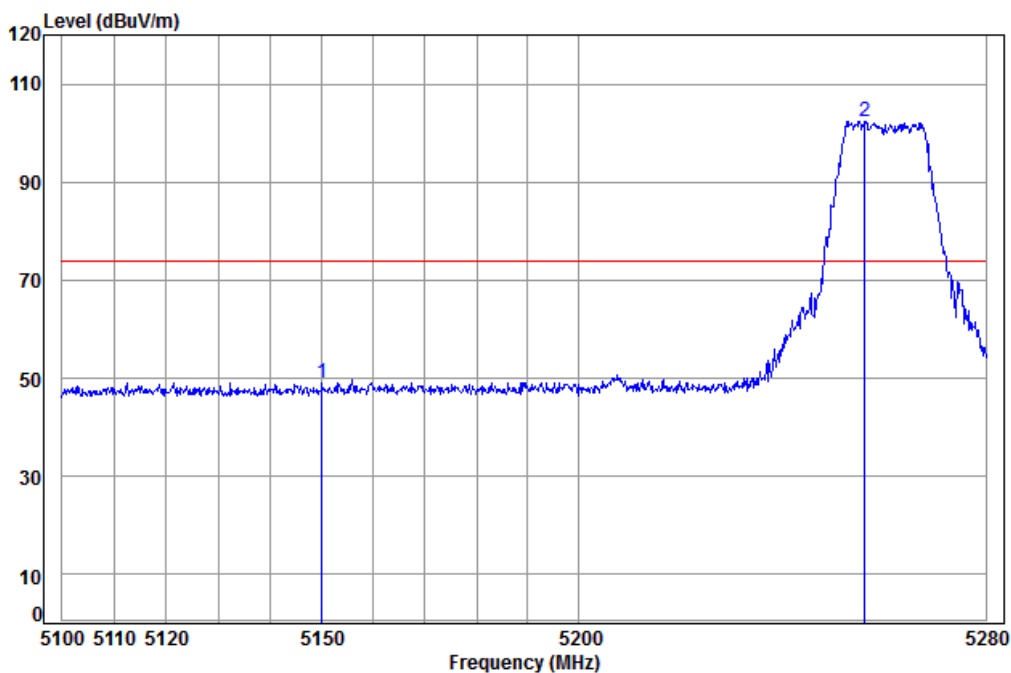


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 237 of 345

Test mode:	802.11a	Frequency(MHz):	5260	Vertical
------------	---------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5260 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	45.52	48.99	74.00	-25.01 Peak
2 pp	5256.063	8.13	34.45	39.07	98.93	102.44	74.00	28.44 Peak

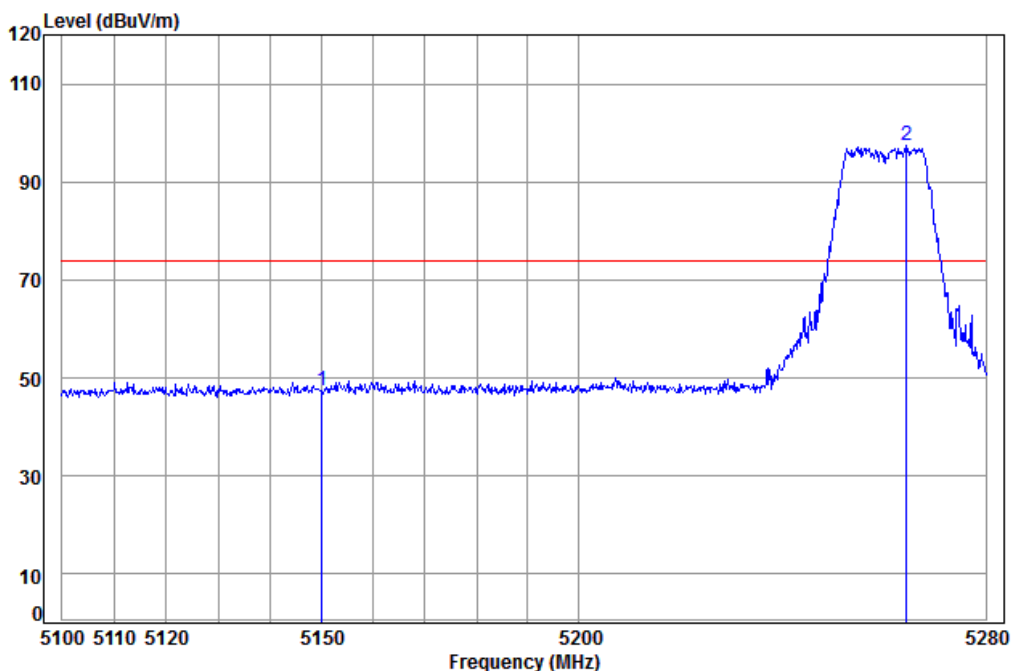


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM160700630905

Page: 238 of 345

Test mode:	802.11a	Frequency(MHz):	5260	Horizontal
------------	---------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5260 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	43.79	47.26	74.00	-26.74 Peak
2	5264.273	8.14	34.45	39.07	93.92	97.44	74.00	23.44 Peak

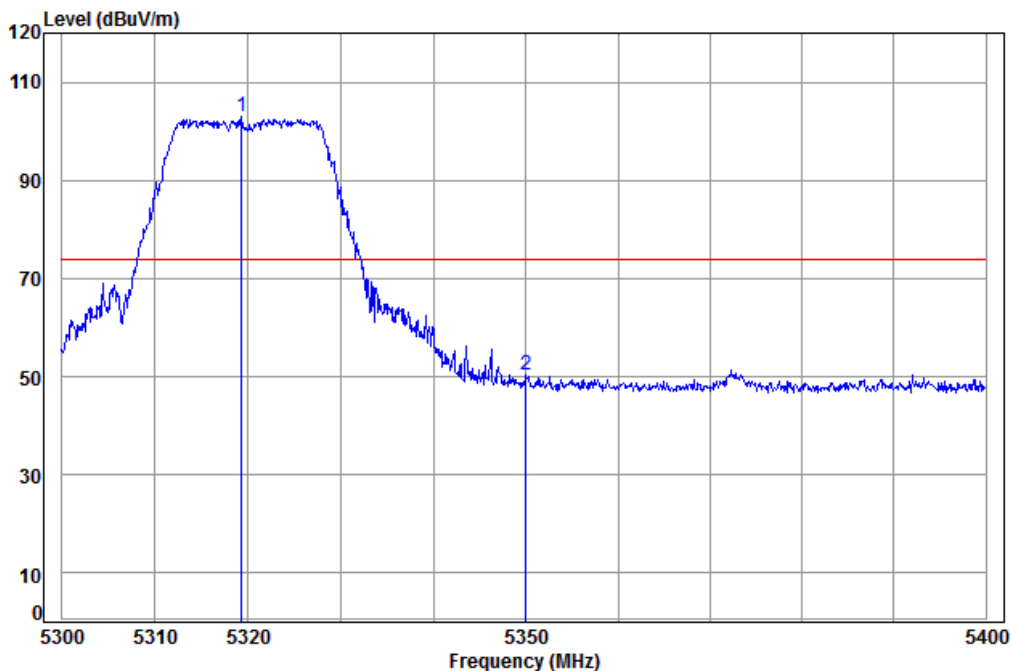


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 239 of 345

Test mode:	802.11a	Frequency(MHz):	5320	Vertical
------------	---------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5320 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5319.254	8.16	34.44	39.07	99.45	102.98	74.00	28.98 Peak
2	5350.000	8.18	34.43	39.06	46.82	50.37	74.00	-23.63 Peak

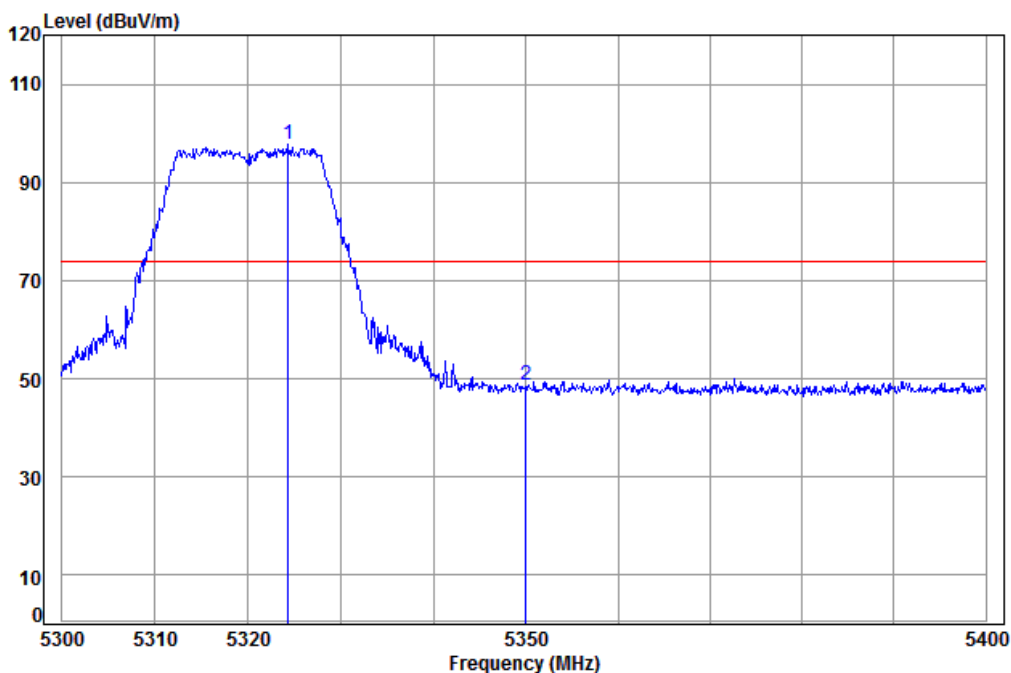


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 240 of 345

Test mode:	802.11a	Frequency(MHz):	5320	Horizontal
------------	---------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5320 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5324.328	8.16	34.43	39.07	94.27	97.79	74.00	23.79 Peak
2	5350.000	8.18	34.43	39.06	45.16	48.71	74.00	-25.29 Peak

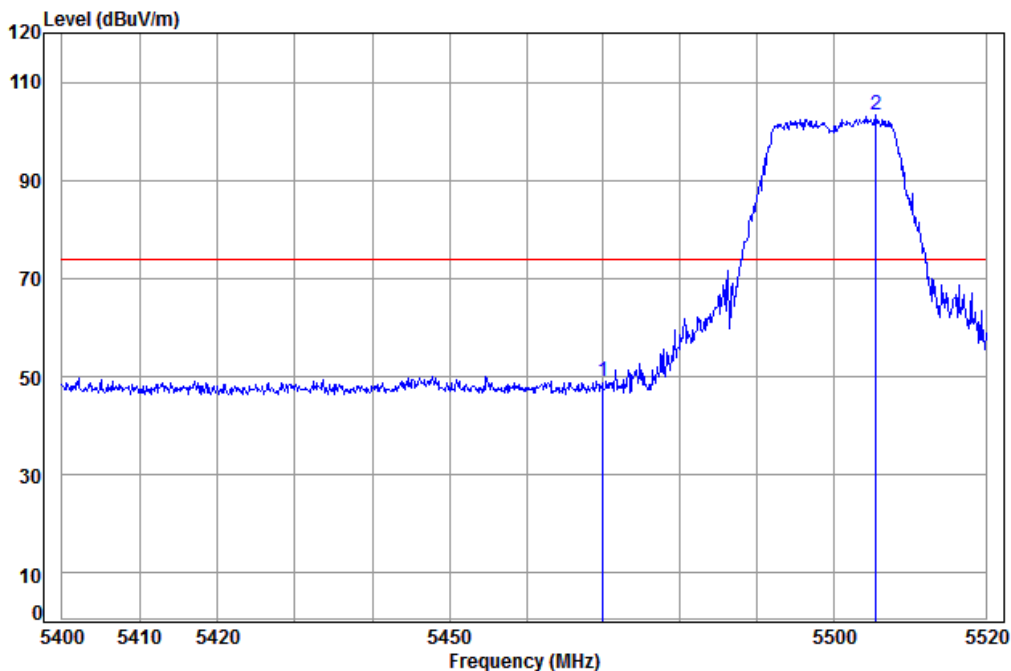


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 241 of 345

Test mode:	802.11a	Frequency(MHz):	5500	Vertical
------------	---------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5500 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5470.000	8.24	34.41	39.05	45.43	49.03	74.00	-24.97 Peak
2 pp	5505.582	8.26	34.40	39.05	99.55	103.16	74.00	29.16 Peak

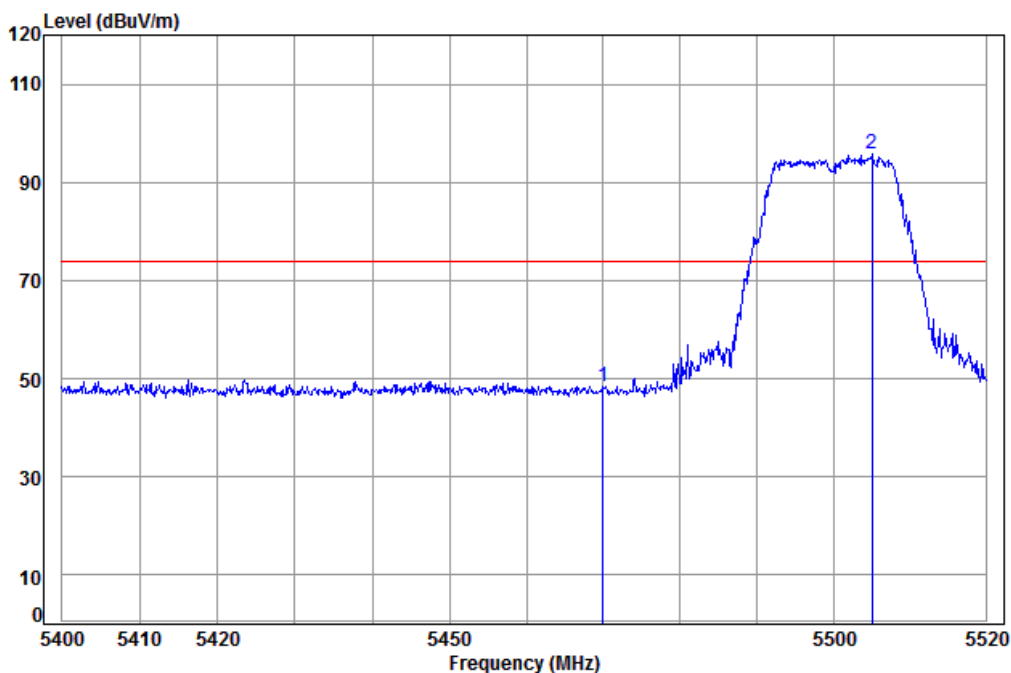


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 242 of 345

Test mode:	802.11a	Frequency(MHz):	5500	Horizontal
------------	---------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5500 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5470.000	8.24	34.41	39.05	44.69	48.29	74.00	-25.71 Peak
2 pp	5505.097	8.26	34.40	39.05	92.05	95.66	74.00	21.66 Peak

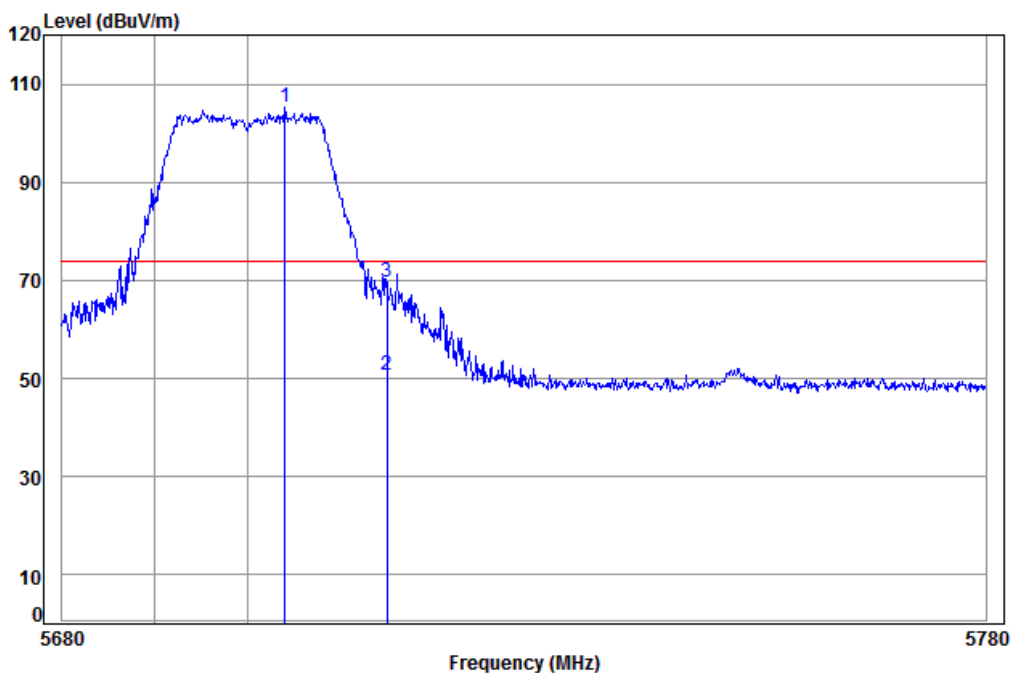


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM160700630905

Page: 243 of 345

Test mode:	802.11a	Frequency(MHz):	5700	Vertical
------------	---------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5700 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5703.940	8.46	34.53	39.03	101.36	105.32	74.00	31.32 Peak
2	av 5715.000	8.47	34.53	39.03	46.78	50.75	54.00	-3.25 Average
3	5715.000	8.47	34.53	39.03	65.76	69.73	74.00	-4.27 Peak

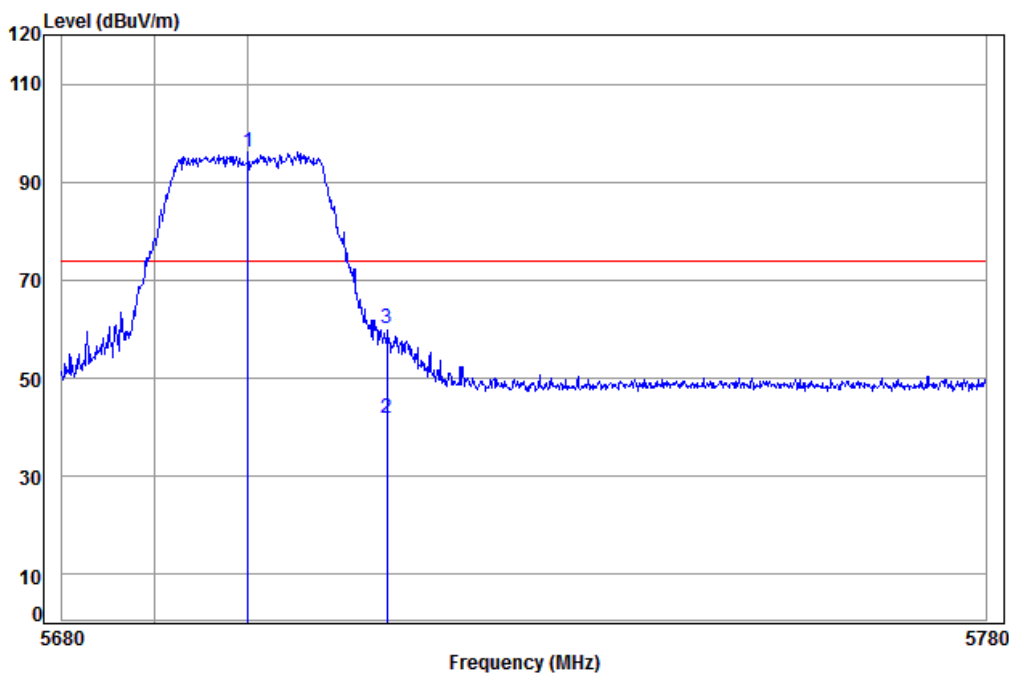


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 244 of 345

Test mode:	802.11a	Frequency(MHz):	5700	Horizontal
------------	---------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5700 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5699.960	8.46	34.52	39.03	92.20	96.15	74.00	22.15 Peak
2	av 5715.000	8.47	34.53	39.03	37.91	41.88	54.00	-12.12 Average
3	5715.000	8.47	34.53	39.03	56.07	60.04	74.00	-13.96 Peak

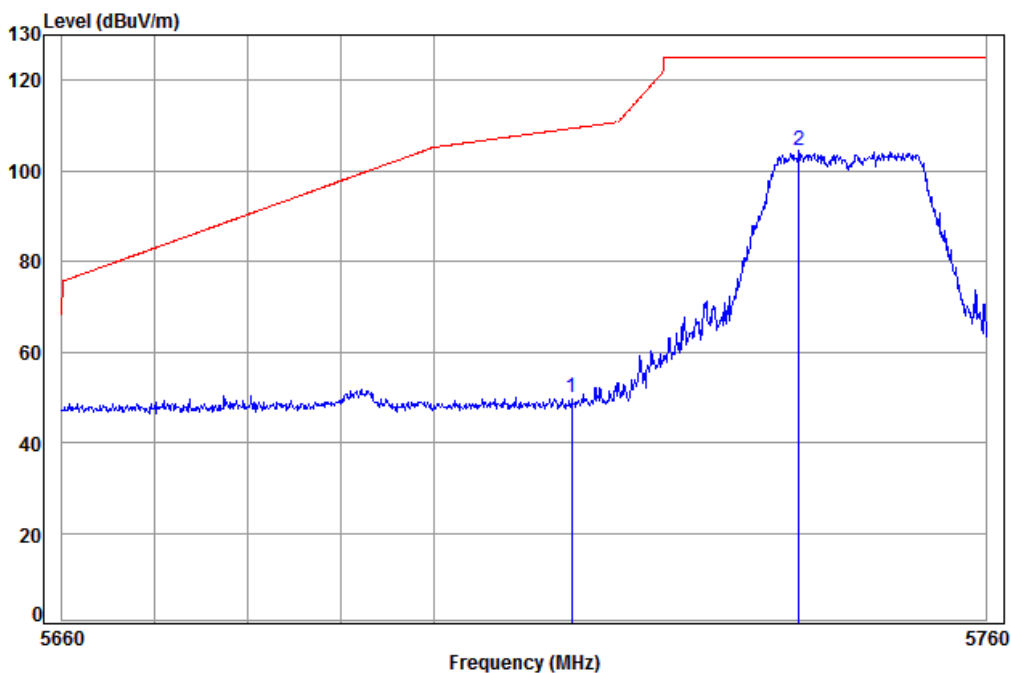


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 245 of 345

Test mode:	802.11a	Frequency(MHz):	5745	Vertical
------------	---------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5745 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	8.47	34.53	39.03	45.93	49.90	109.40	-59.50 Peak
2 pp	5739.659	8.50	34.55	39.02	100.41	104.44	125.20	-20.76 Peak

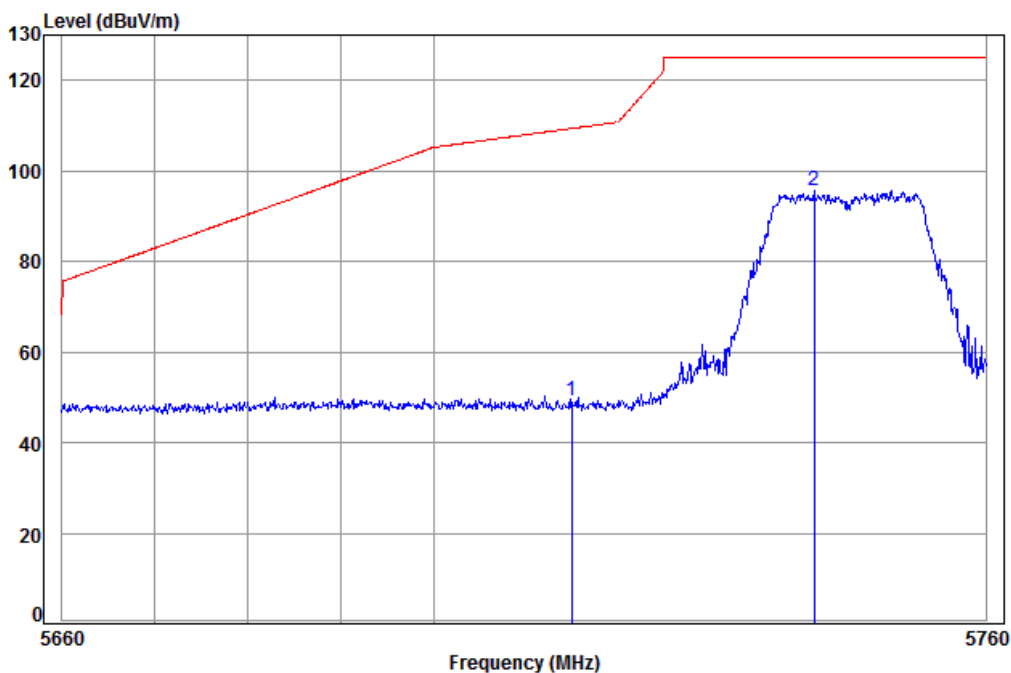


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 246 of 345

Test mode:	802.11a	Frequency(MHz):	5745	Horizontal
------------	---------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5745 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	8.47	34.53	39.03	45.36	49.33	109.40	-60.07 Peak
2 pp	5741.267	8.50	34.55	39.02	91.51	95.54	125.20	-29.66 Peak

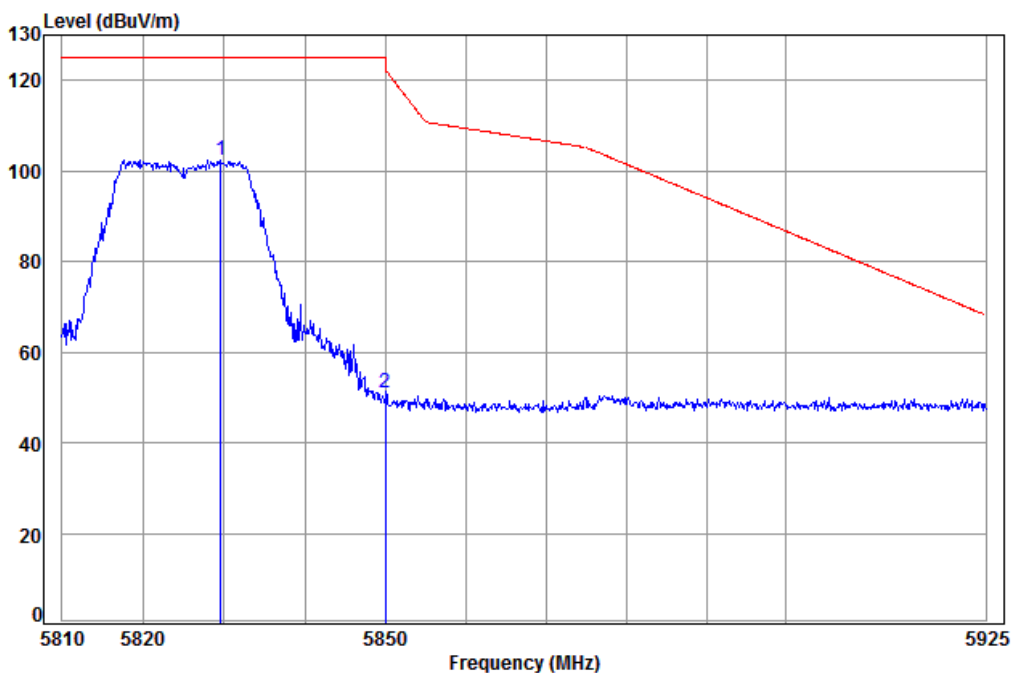


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM160700630905

Page: 247 of 345

Test mode:	802.11a	Frequency(MHz):	5825	Vertical
------------	---------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309CR

Mode: : 5825 Band edge

: A20

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp 5829.620	8.58	34.60	39.02	98.34	102.50	125.20	-22.70 Peak
2 5850.000	8.60	34.61	39.01	46.80	51.00	122.20	-71.20 Peak

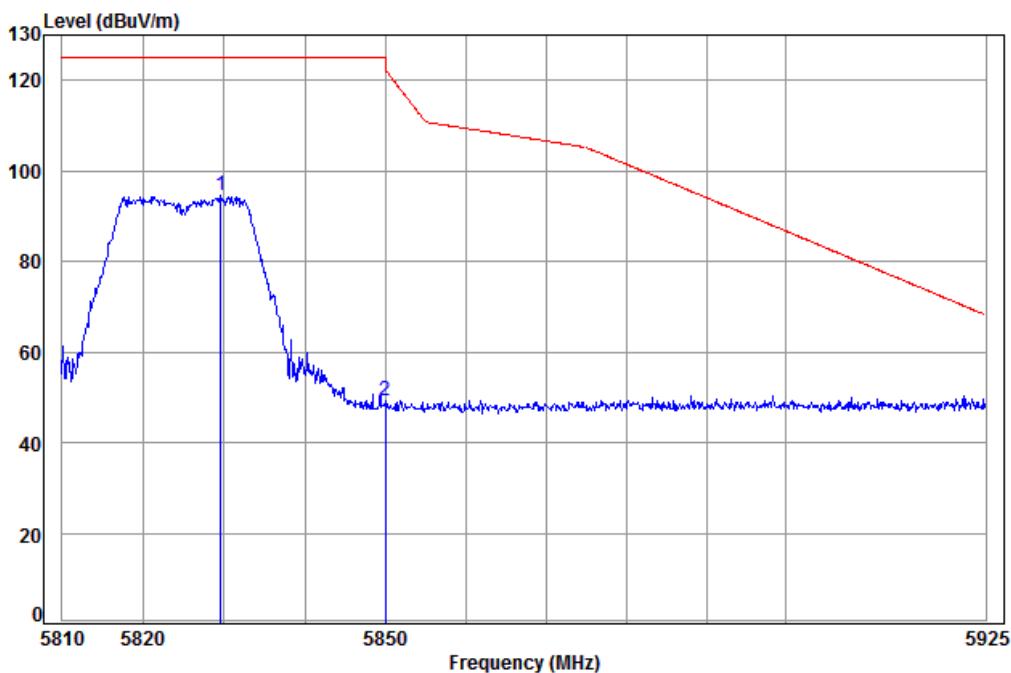


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 248 of 345

Test mode:	802.11a	Frequency(MHz):	5825	Horizontal
------------	---------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309CR

Mode: : 5825 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5829.620	8.58	34.60	39.02	90.43	94.59	125.20	-30.61 Peak
2	5850.000	8.60	34.61	39.01	45.07	49.27	122.20	-72.93 Peak

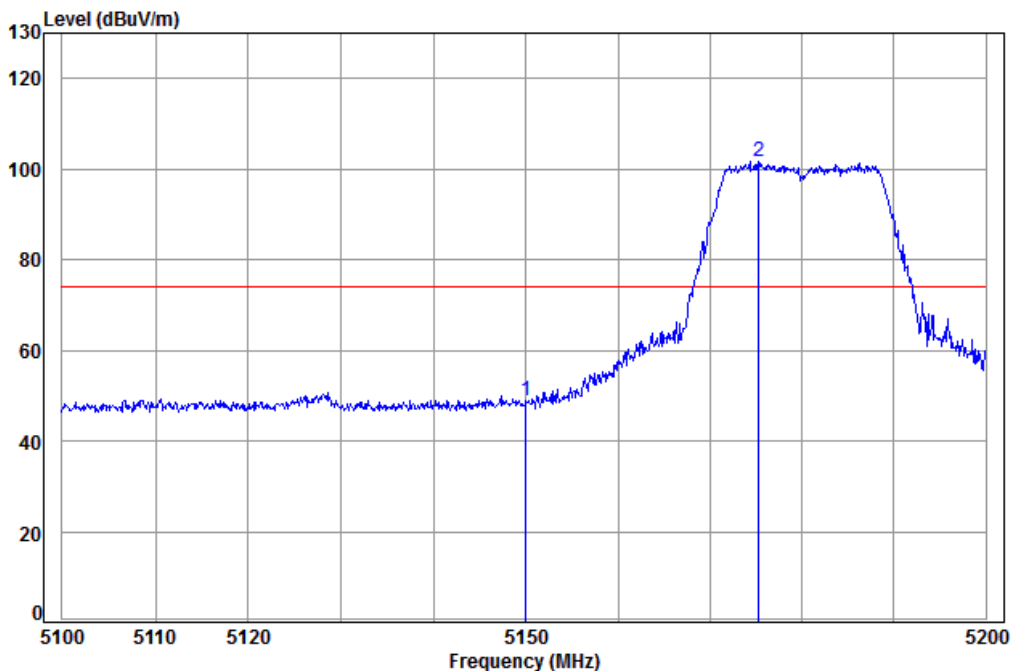


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 249 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5180	Vertical
------------	---------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5180 Band edge

: N20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	45.51	48.98	74.00	-25.02 Peak
2 pp	5175.220	8.09	34.46	39.08	98.26	101.73	74.00	27.73 Peak

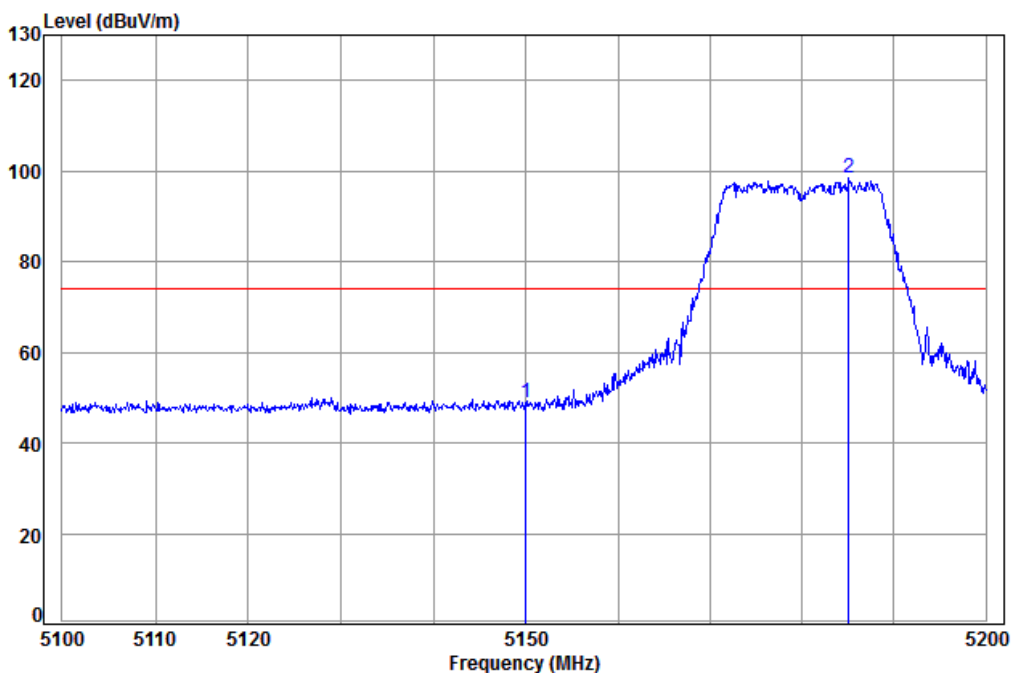


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 250 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5180	Horizontal
------------	---------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5180 Band edge

: N20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	45.47	48.94	74.00	-25.06 Peak
2 pp	5185.077	8.10	34.46	39.08	95.07	98.55	74.00	24.55 Peak

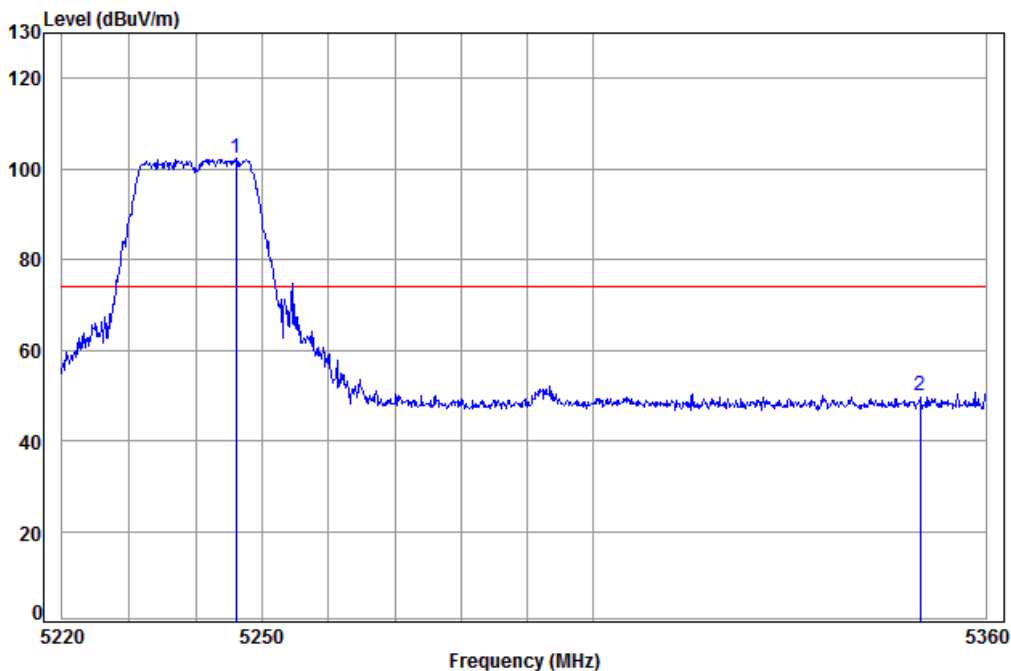


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 251 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5240	Vertical
------------	---------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5240 Band edge

: N20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5246.038	8.13	34.45	39.07	98.83	102.34	74.00	28.34 Peak
2	5350.000	8.18	34.43	39.06	46.31	49.86	74.00	-24.14 Peak

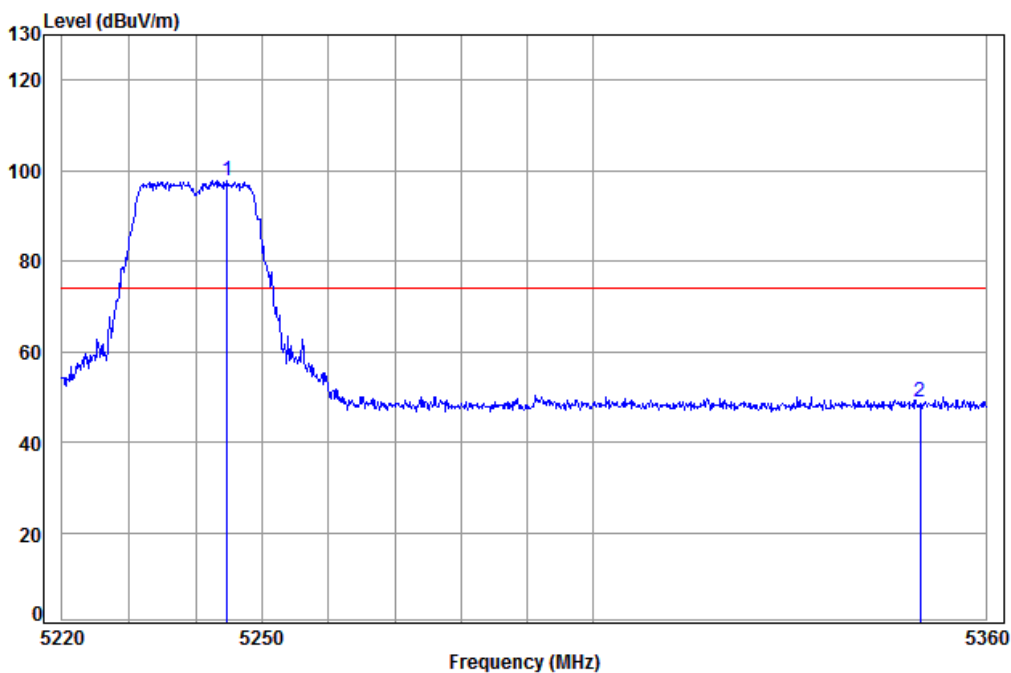


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 252 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5240	Horizontal
------------	---------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5240 Band edge

: N20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5244.789	8.13	34.45	39.07	94.42	97.93	74.00	23.93 Peak
2	5350.000	8.18	34.43	39.06	45.17	48.72	74.00	-25.28 Peak

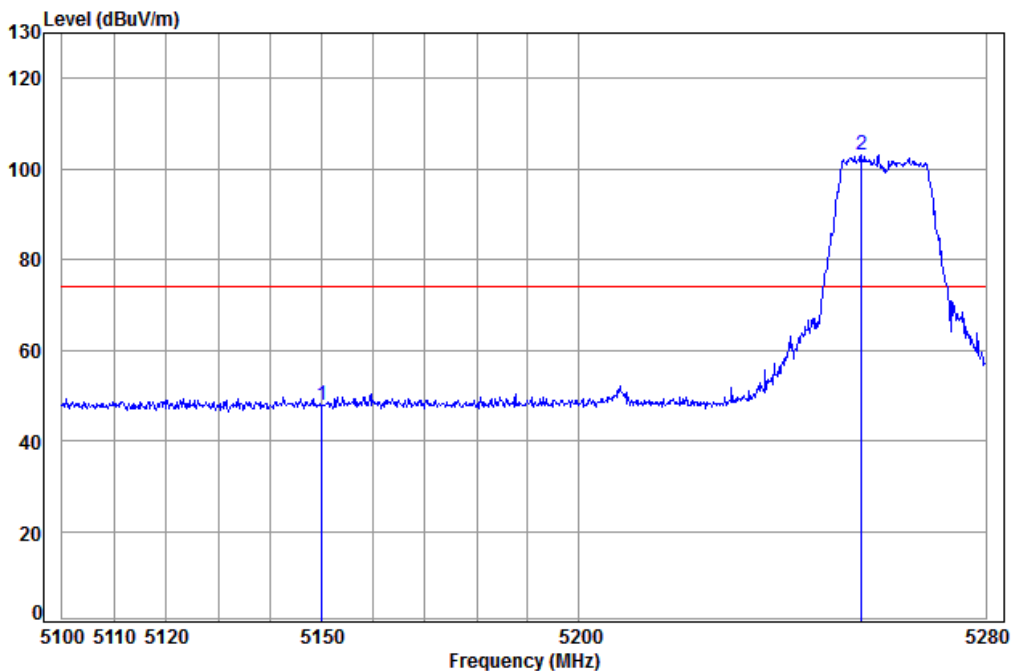


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 253 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5260	Vertical
------------	---------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309CR

Mode: : 5260 Band edge

: N20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	44.28	47.75	74.00	-26.25 Peak
2 pp	5255.516	8.13	34.45	39.07	99.64	103.15	74.00	29.15 Peak

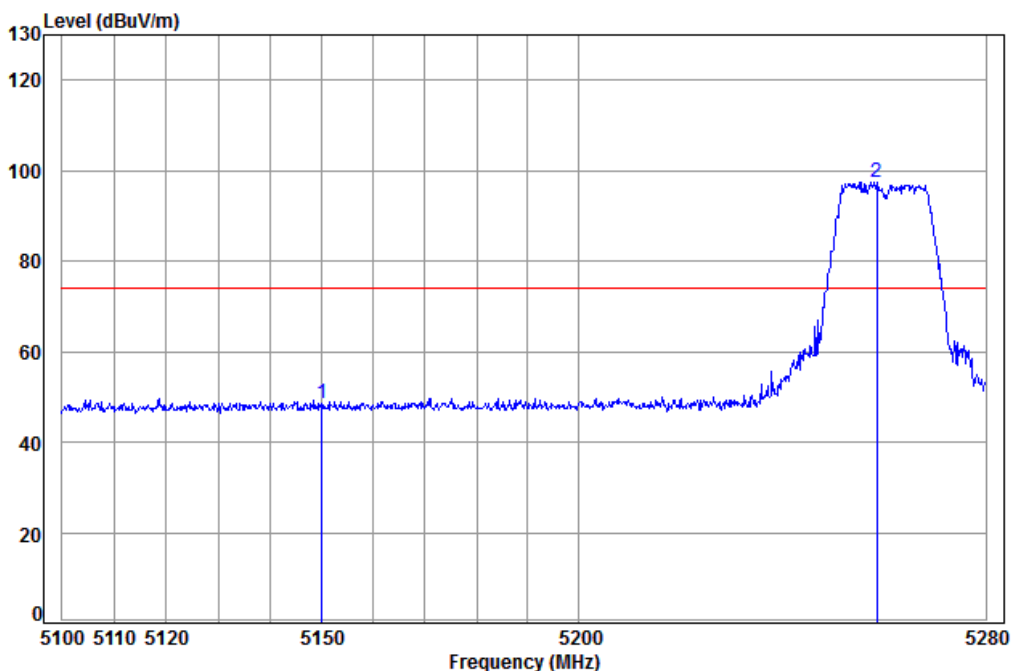


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 254 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5260	Horizontal
------------	---------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309CR

Mode: : 5260 Band edge

: N20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	45.18	48.65	74.00	-25.35 Peak
2 pp	5258.434	8.13	34.45	39.07	93.97	97.48	74.00	23.48 Peak

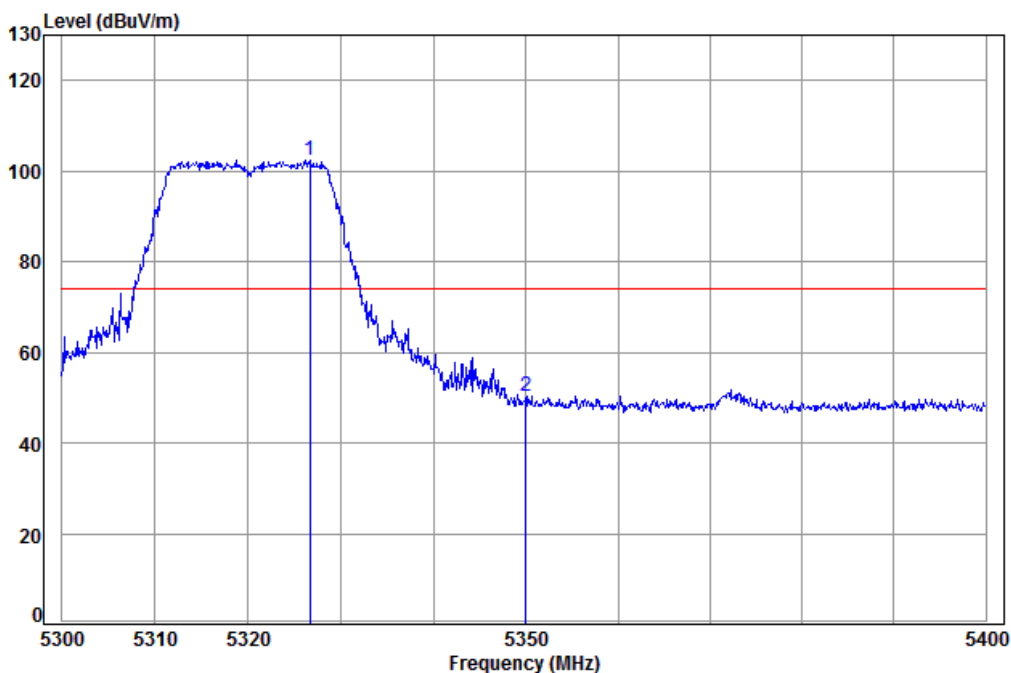


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 255 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5320	Vertical
------------	---------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309CR

Mode: : 5320 Band edge

: N20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5326.617	8.17	34.43	39.07	98.74	102.27	74.00	28.27 Peak
2	5350.000	8.18	34.43	39.06	46.62	50.17	74.00	-23.83 Peak

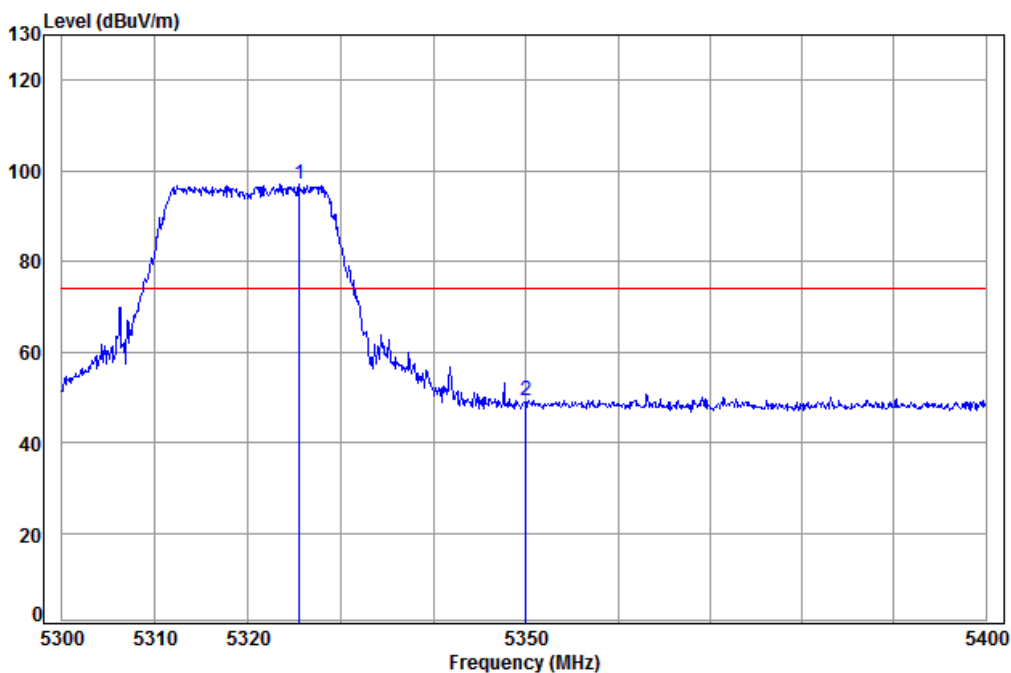


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 256 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5320	Horizontal
------------	---------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309CR

Mode: : 5320 Band edge

: N20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5325.522	8.17	34.43	39.07	93.52	97.05	74.00	23.05 Peak
2	5350.000	8.18	34.43	39.06	45.73	49.28	74.00	-24.72 Peak

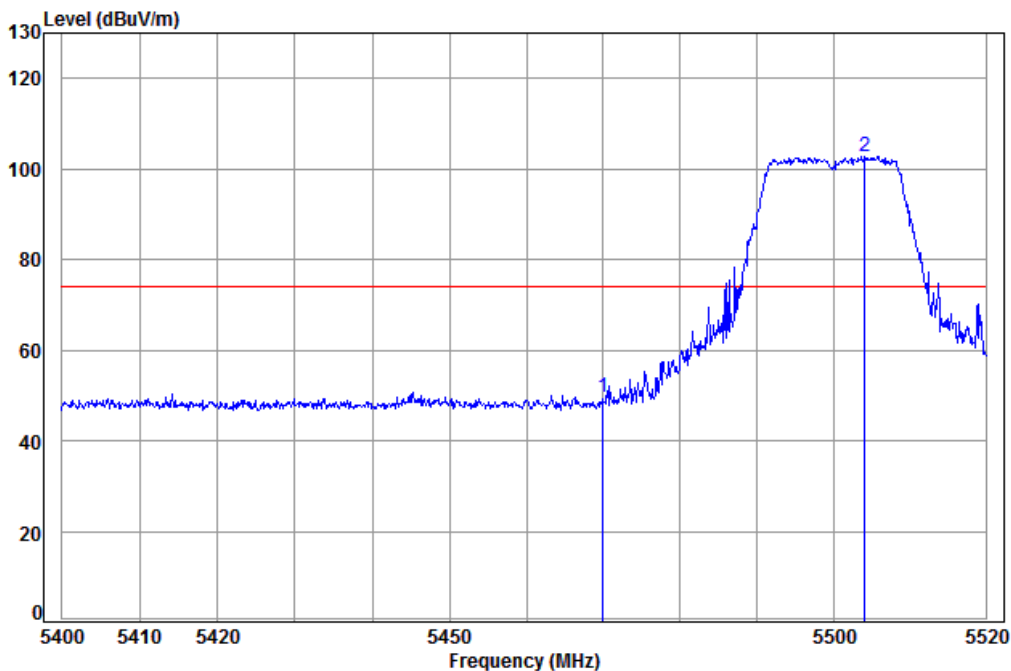


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 257 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5500	Vertical
------------	---------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309CR

Mode: : 5500 Band edge

: N20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5470.000	8.24	34.41	39.05	46.10	49.70	74.00	-24.30 Peak
2 pp	5504.129	8.25	34.40	39.05	99.20	102.80	74.00	28.80 Peak

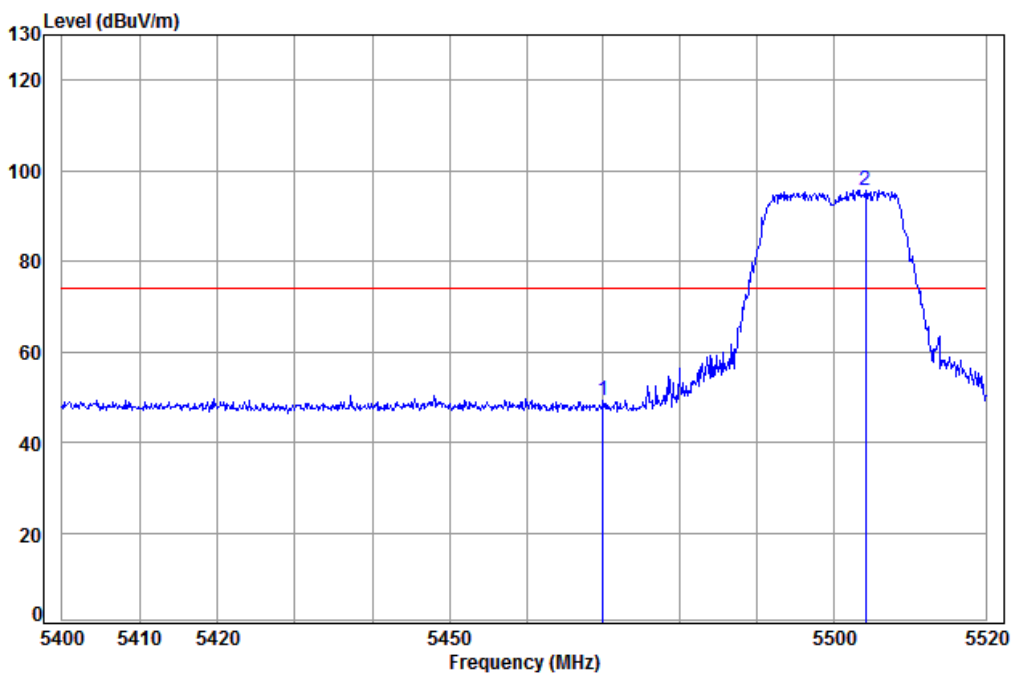


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 258 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5500	Horizontal
------------	---------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309CR

Mode: : 5500 Band edge

: N20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5470.000	8.24	34.41	39.05	45.64	49.24	74.00	-24.76 Peak
2 pp	5504.250	8.25	34.40	39.05	92.03	95.63	74.00	21.63 Peak

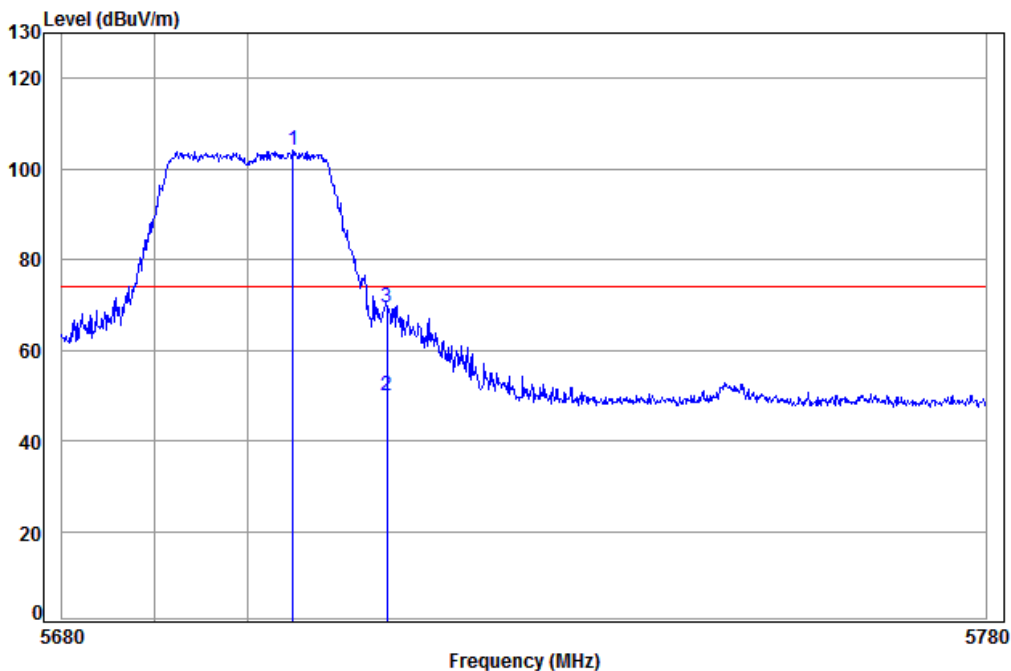


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM160700630905

Page: 259 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5700	Vertical
------------	---------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309CR

Mode: : 5700 Band edge

: N20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5704.836	8.46	34.53	39.03	100.03	103.99	74.00	29.99 Peak
2	av 5715.000	8.47	34.53	39.03	46.11	50.08	54.00	-3.92 Average
3	5715.000	8.47	34.53	39.03	65.29	69.26	74.00	-4.74 Peak

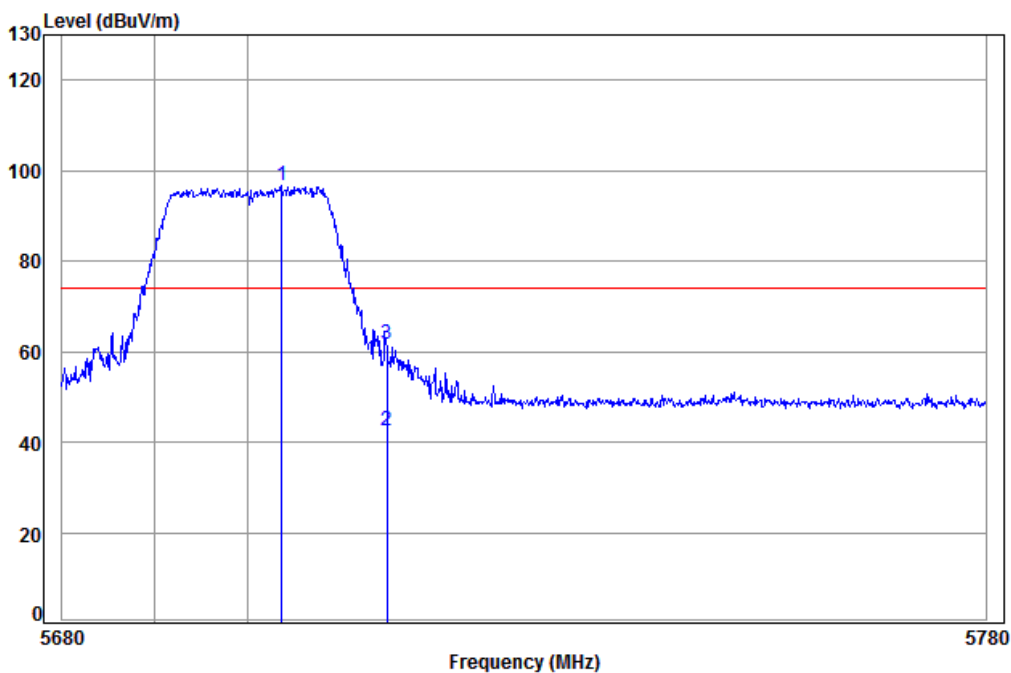


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 260 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5700	Horizontal
------------	---------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309CR

Mode: : 5700 Band edge

: N20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5703.642	8.46	34.53	39.03	92.72	96.68	74.00	22.68 Peak
2	av 5715.000	8.47	34.53	39.03	38.41	42.38	54.00	-11.62 Average
3	5715.000	8.47	34.53	39.03	57.50	61.47	74.00	-12.53 Peak

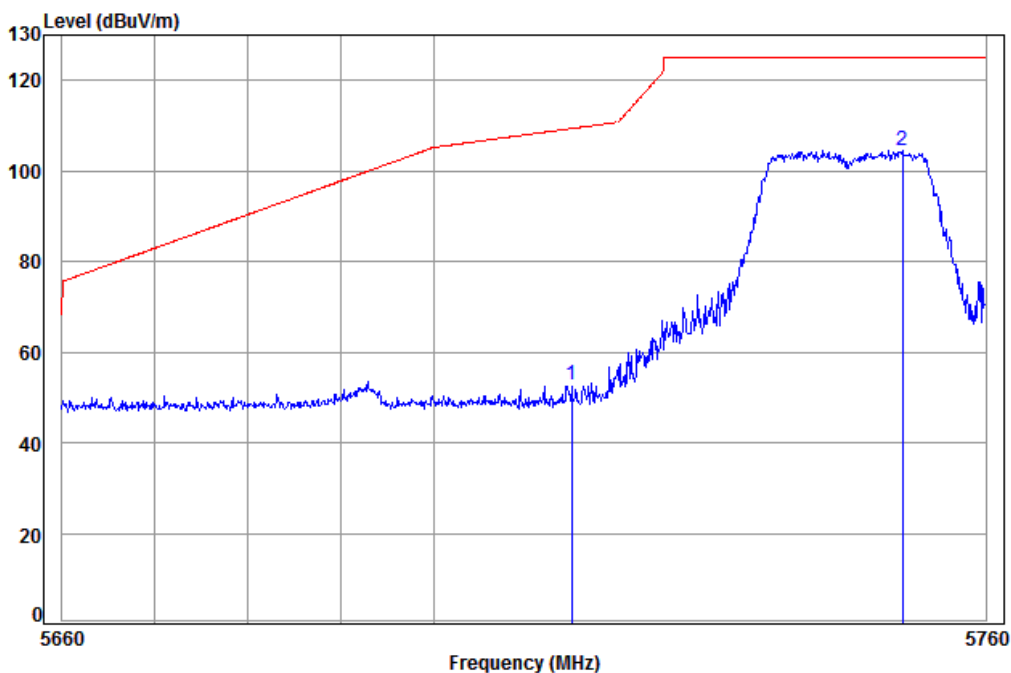


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 261 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5745	Vertical
------------	---------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309CR

Mode: : 5745 Band edge

: N20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	8.47	34.53	39.03	48.68	52.65	109.40	-56.75 Peak
2 pp	5750.928	8.51	34.55	39.02	100.42	104.46	125.20	-20.74 Peak

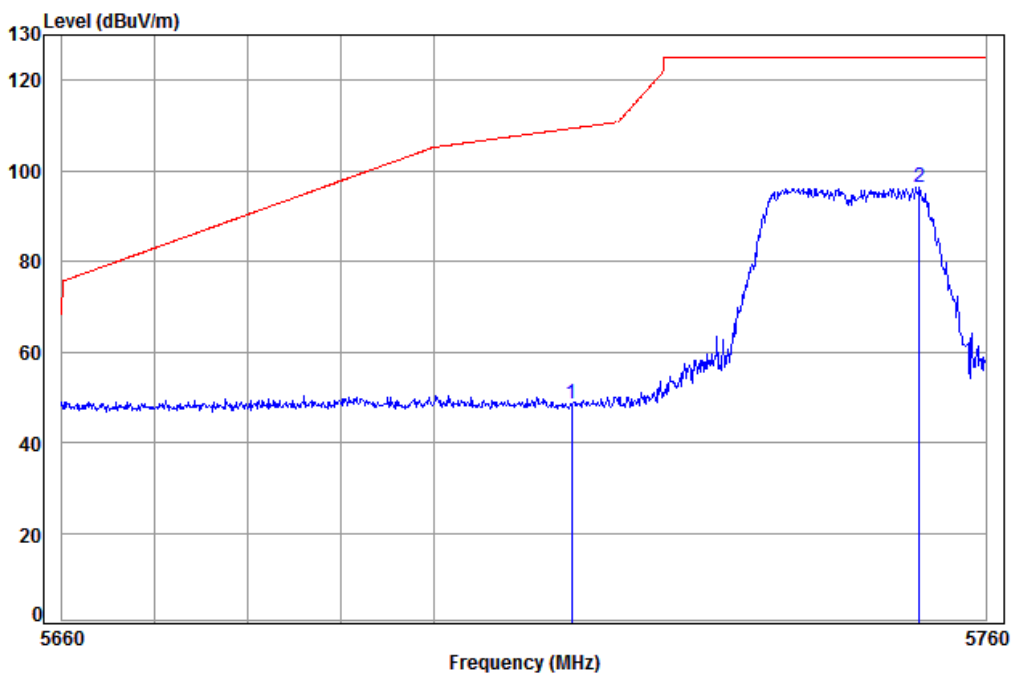


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 262 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5745	Horizontal
------------	---------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309CR

Mode: : 5745 Band edge

: N20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	8.47	34.53	39.03	44.38	48.35	109.40	-61.05 Peak
2 pp	5752.741	8.51	34.55	39.02	92.24	96.28	125.20	-28.92 Peak

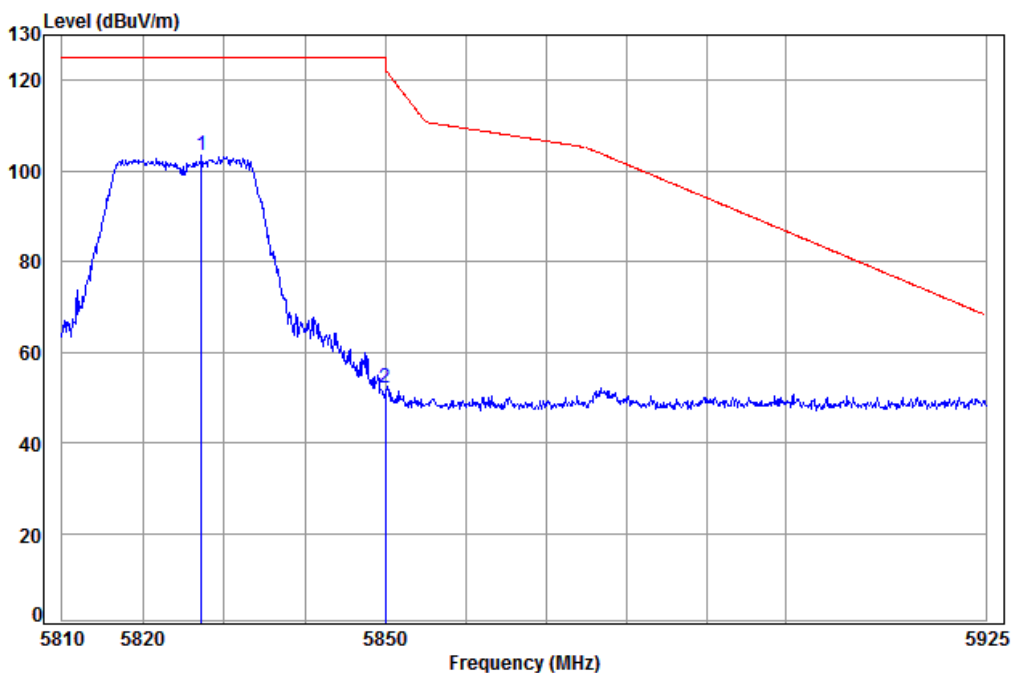


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 263 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5825	Vertical
------------	---------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309CR

Mode: : 5825 Band edge

: N20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5827.221	8.58	34.60	39.02	99.16	103.32	125.20	-21.88 Peak
2	5850.000	8.60	34.61	39.01	47.83	52.03	122.20	-70.17 Peak

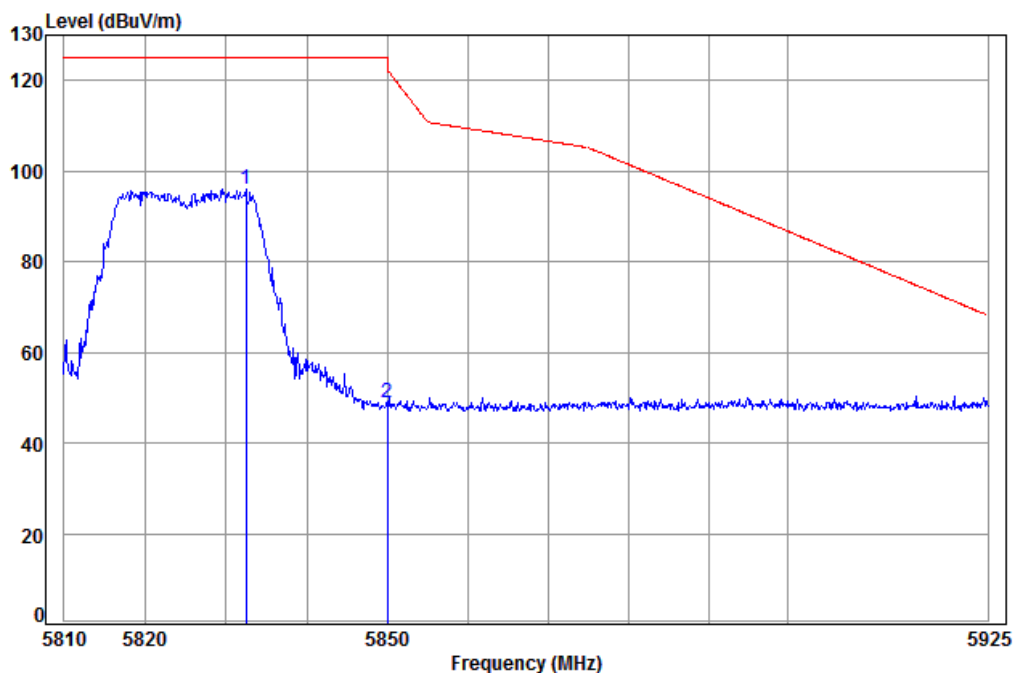


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 264 of 345

Test mode:	802.11n(HT20)	Frequency(MHz):	5825	Horizontal
------------	---------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309CR

Mode: : 5825 Band edge

: N20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5832.477	8.59	34.60	39.02	91.82	95.99	125.20	-29.21 Peak
2	5850.000	8.60	34.61	39.01	44.84	49.04	122.20	-73.16 Peak

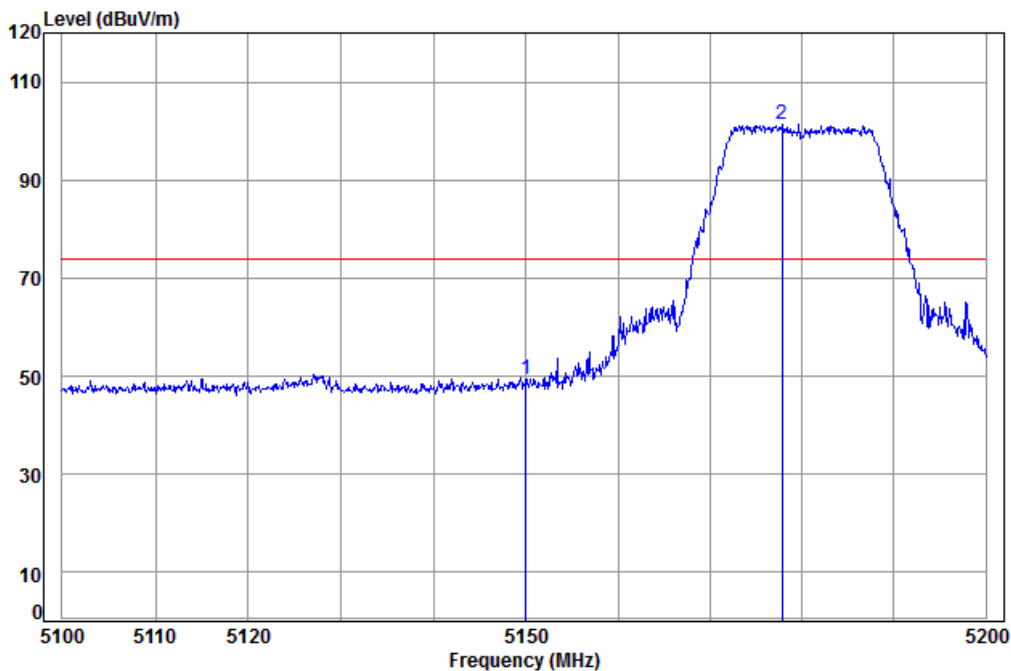


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 265 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5180	Vertical
------------	----------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5180 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	45.97	49.44	74.00	-24.56 Peak
2 pp	5177.833	8.09	34.46	39.08	97.83	101.30	74.00	27.30 Peak

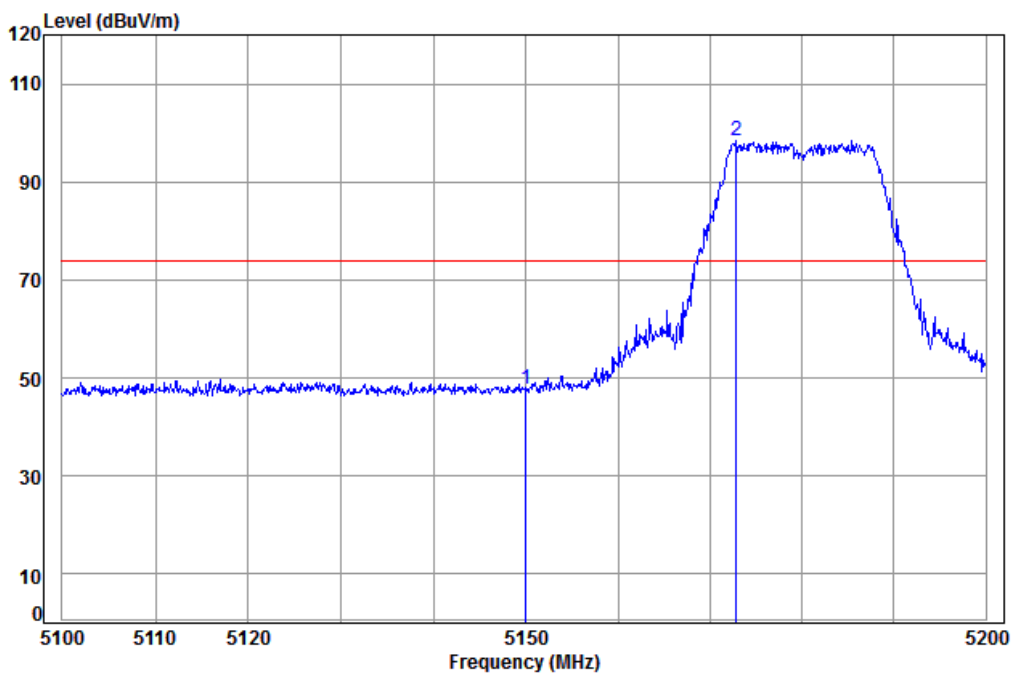


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 266 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5180	Horizontal
------------	----------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5180 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	44.16	47.63	74.00	-26.37 Peak
2 pp	5172.809	8.09	34.46	39.08	95.11	98.58	74.00	24.58 Peak

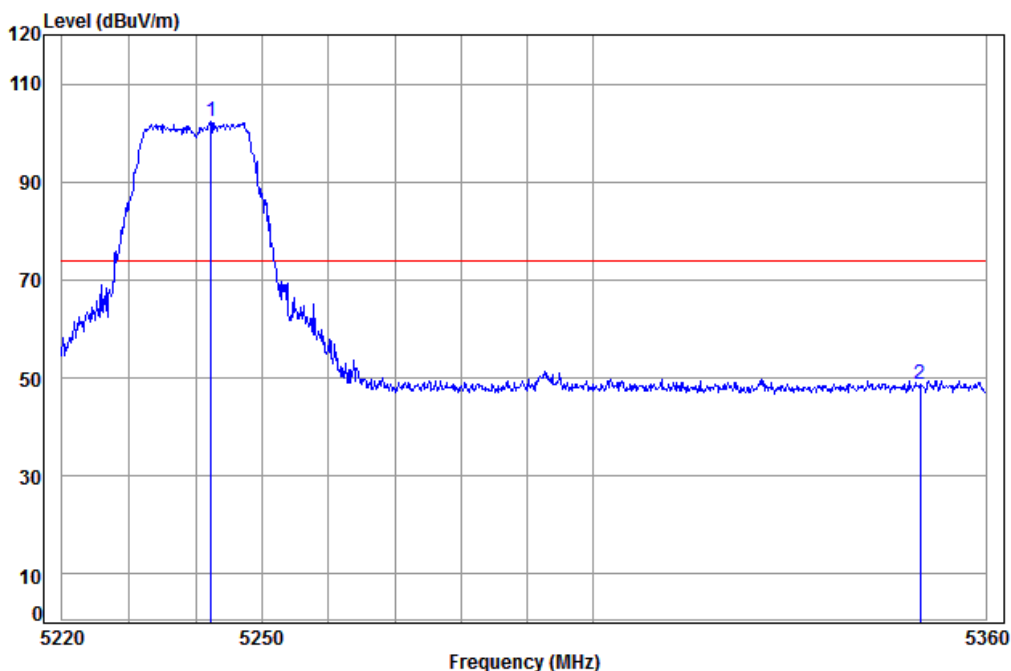


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 267 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5240	Vertical
------------	----------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5240 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5242.291	8.12	34.45	39.07	98.83	102.33	74.00	28.33 Peak
2	5350.000	8.18	34.43	39.06	45.03	48.58	74.00	-25.42 Peak

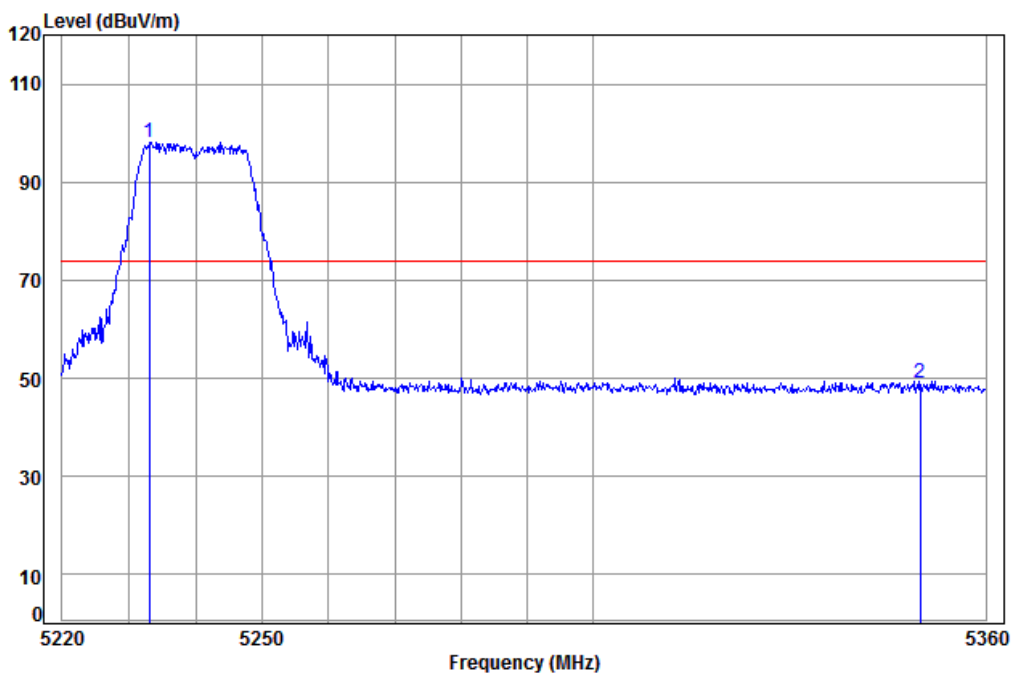


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 268 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5240	Horizontal
------------	----------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5240 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5233.003	8.12	34.45	39.08	94.68	98.17	74.00	24.17 Peak
2	5350.000	8.18	34.43	39.06	45.65	49.20	74.00	-24.80 Peak

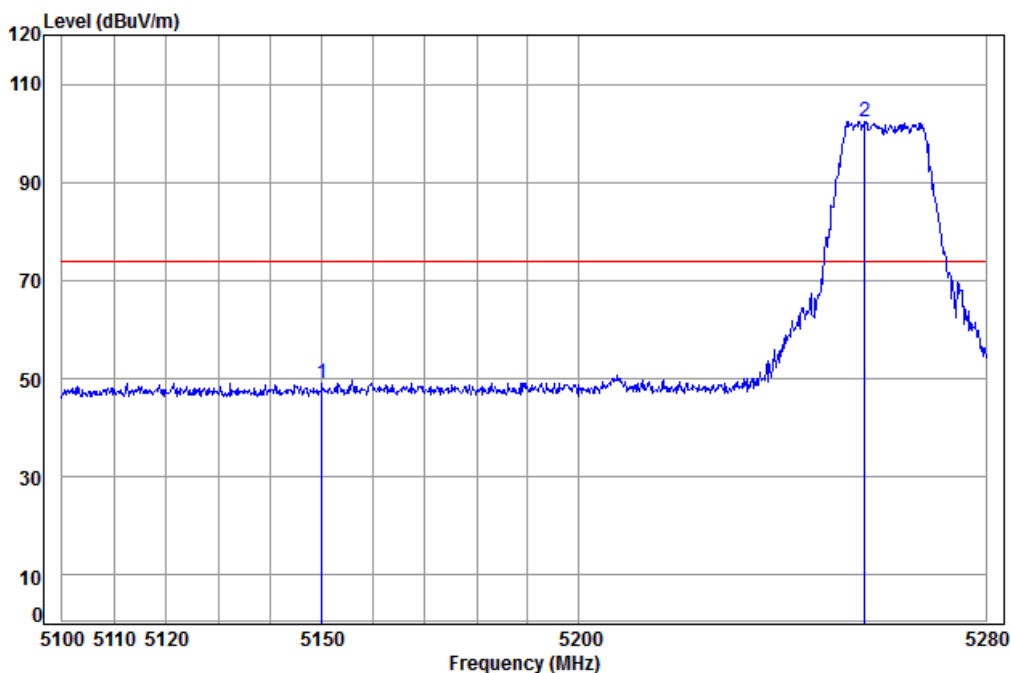


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 269 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5260	Vertical
------------	----------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5260 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	45.52	48.99	74.00	-25.01 Peak
2 pp	5256.063	8.13	34.45	39.07	98.93	102.44	74.00	28.44 Peak

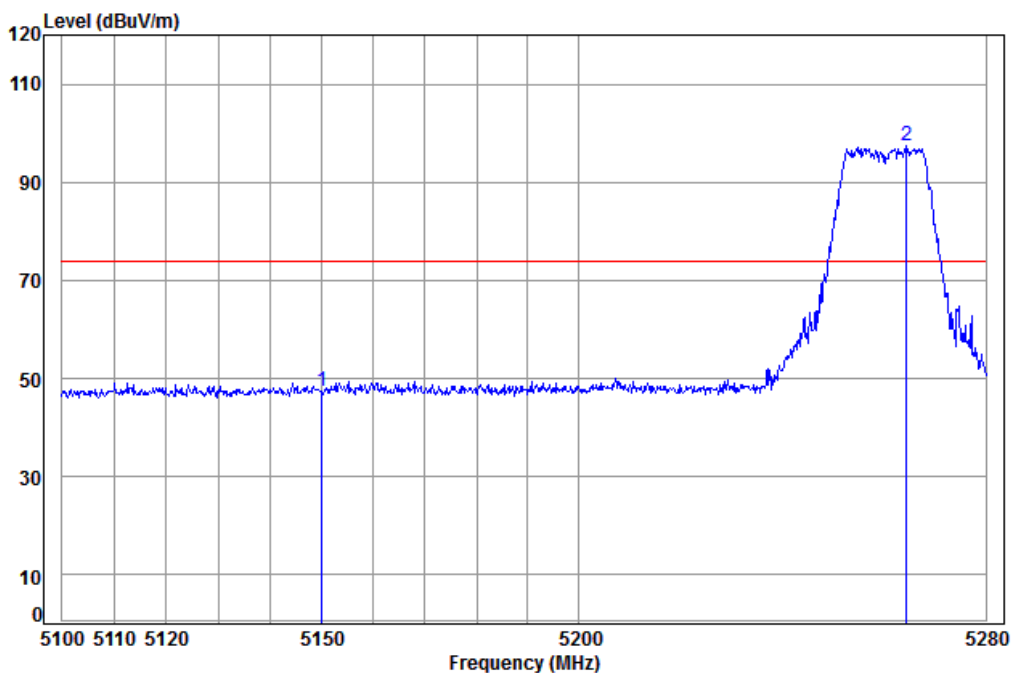


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 270 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5260	Horizontal
------------	----------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5260 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	43.79	47.26	74.00	-26.74 Peak
2 pp	5264.273	8.14	34.45	39.07	93.92	97.44	74.00	23.44 Peak

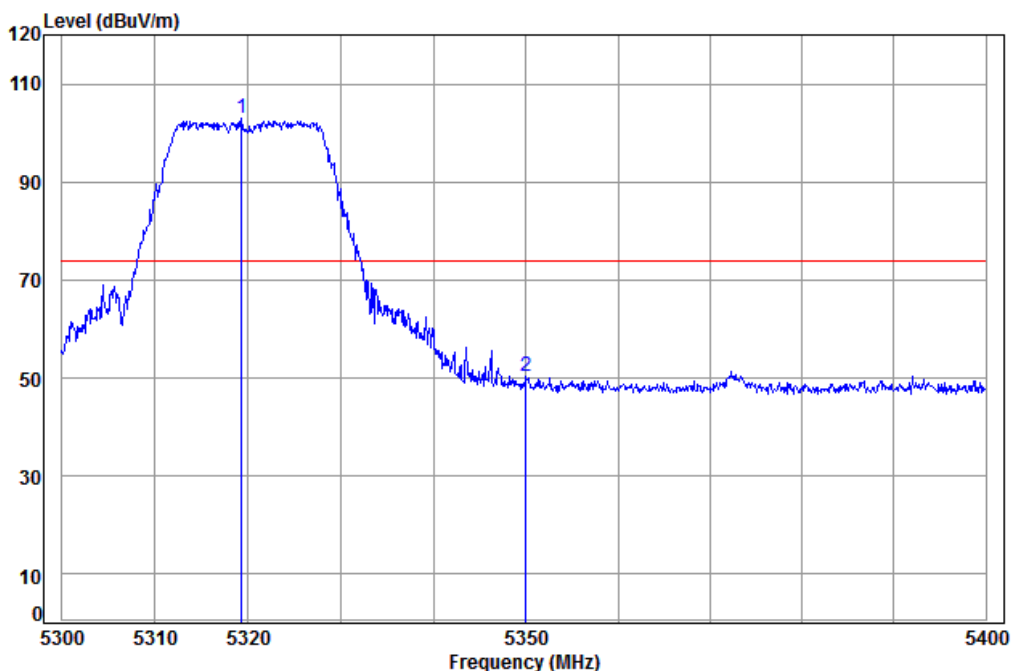


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 271 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5320	Vertical
------------	----------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5320 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5319.254	8.16	34.44	39.07	99.45	102.98	74.00	28.98 Peak
2	5350.000	8.18	34.43	39.06	46.82	50.37	74.00	-23.63 Peak

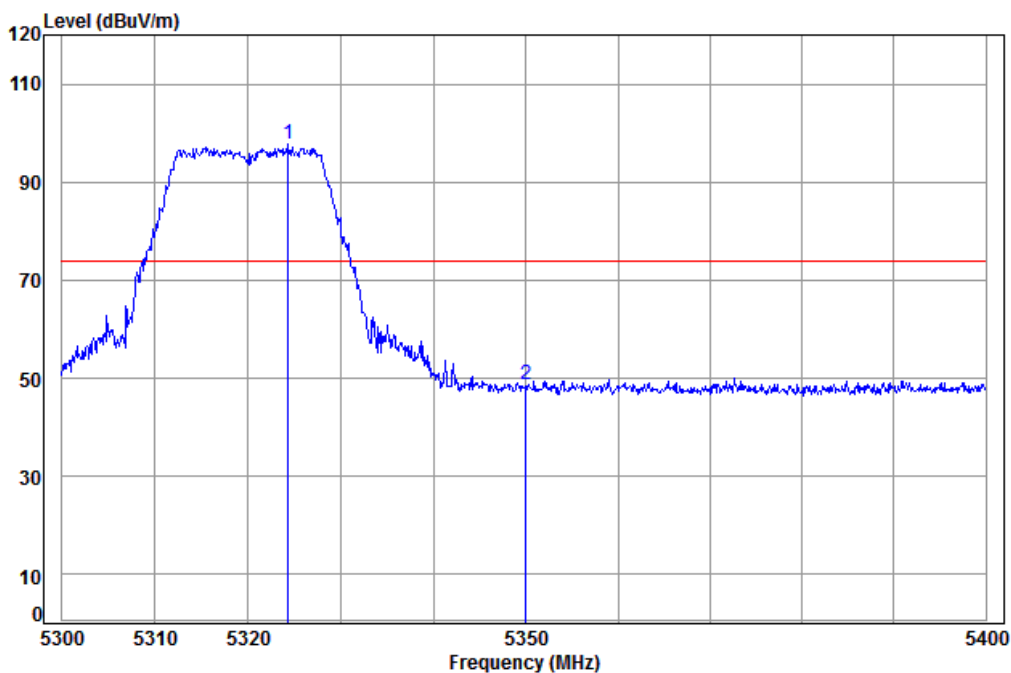


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM160700630905

Page: 272 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5320	Horizontal
------------	----------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5320 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5324.328	8.16	34.43	39.07	94.27	97.79	74.00	23.79 Peak
2	5350.000	8.18	34.43	39.06	45.16	48.71	74.00	-25.29 Peak

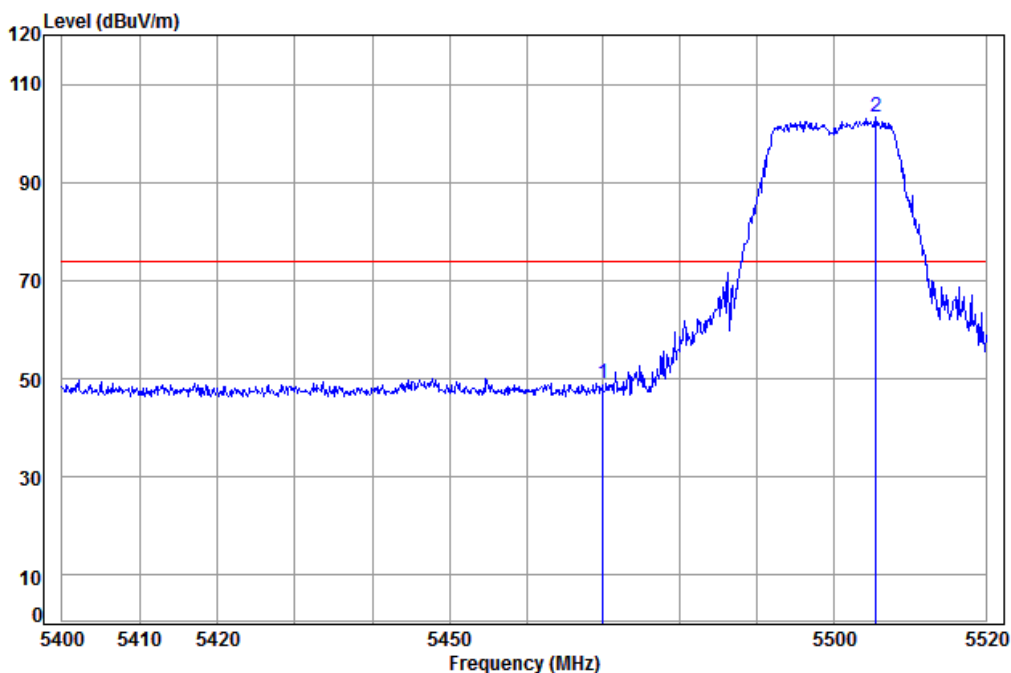


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 273 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5500	Vertical
------------	----------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5500 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5470.000	8.24	34.41	39.05	45.43	49.03	74.00	-24.97 Peak
2 pp	5505.582	8.26	34.40	39.05	99.55	103.16	74.00	29.16 Peak

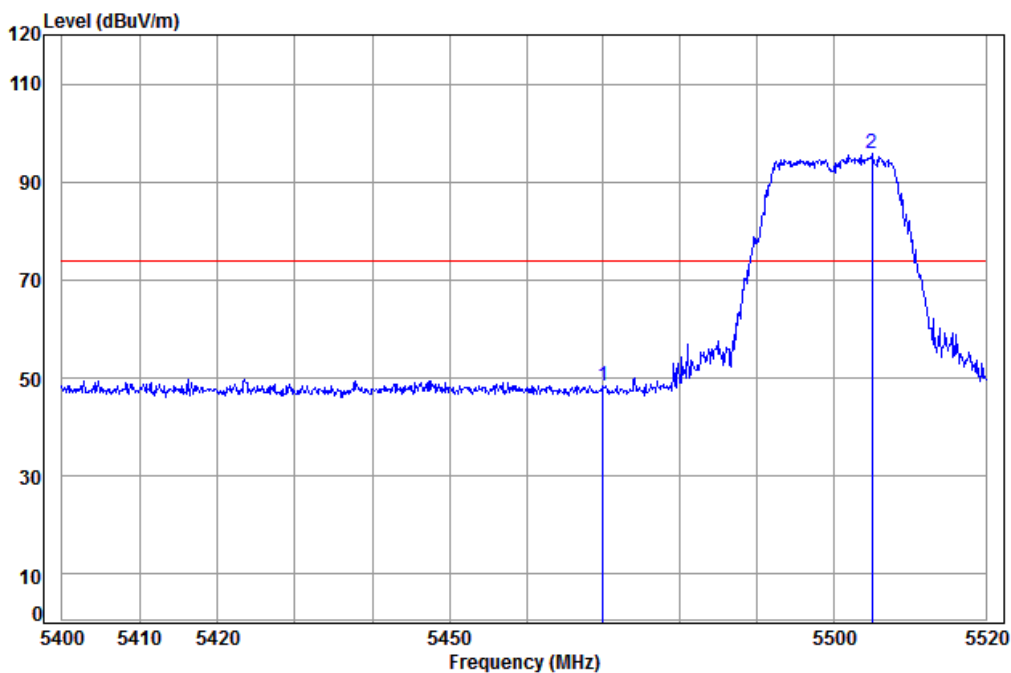


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 274 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5500	Horizontal
------------	----------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5500 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5470.000	8.24	34.41	39.05	44.69	48.29	74.00	-25.71 Peak
2 pp	5505.097	8.26	34.40	39.05	92.05	95.66	74.00	21.66 Peak

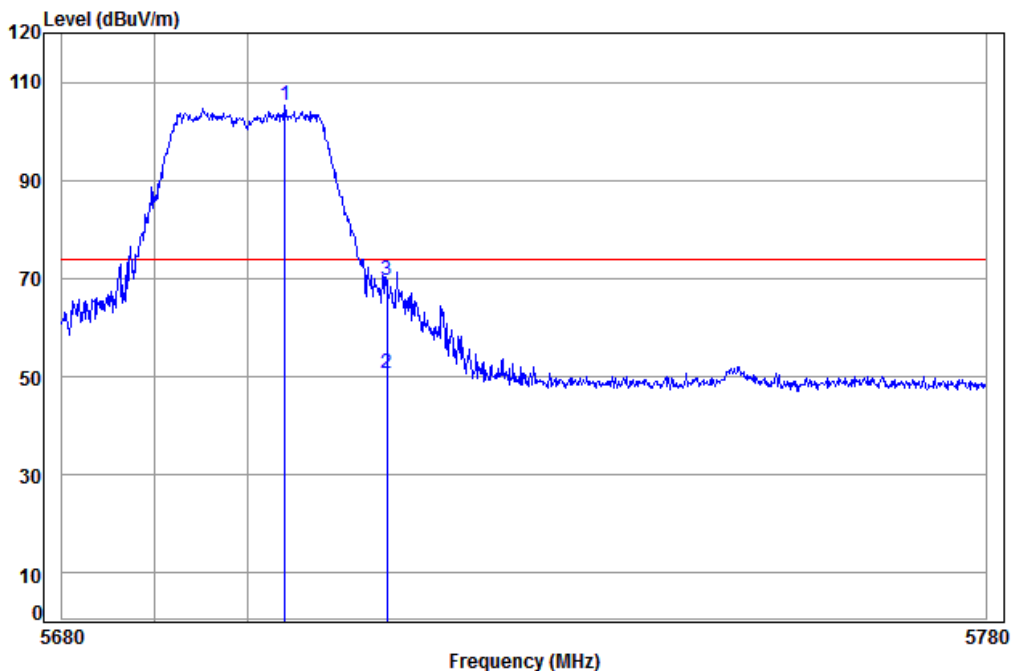


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 275 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5700	Vertical
------------	----------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5700 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5703.940	8.46	34.53	39.03	101.36	105.32	74.00	31.32 Peak
2	av 5715.000	8.47	34.53	39.03	46.78	50.75	54.00	-3.25 Average
3	5715.000	8.47	34.53	39.03	65.76	69.73	74.00	-4.27 Peak

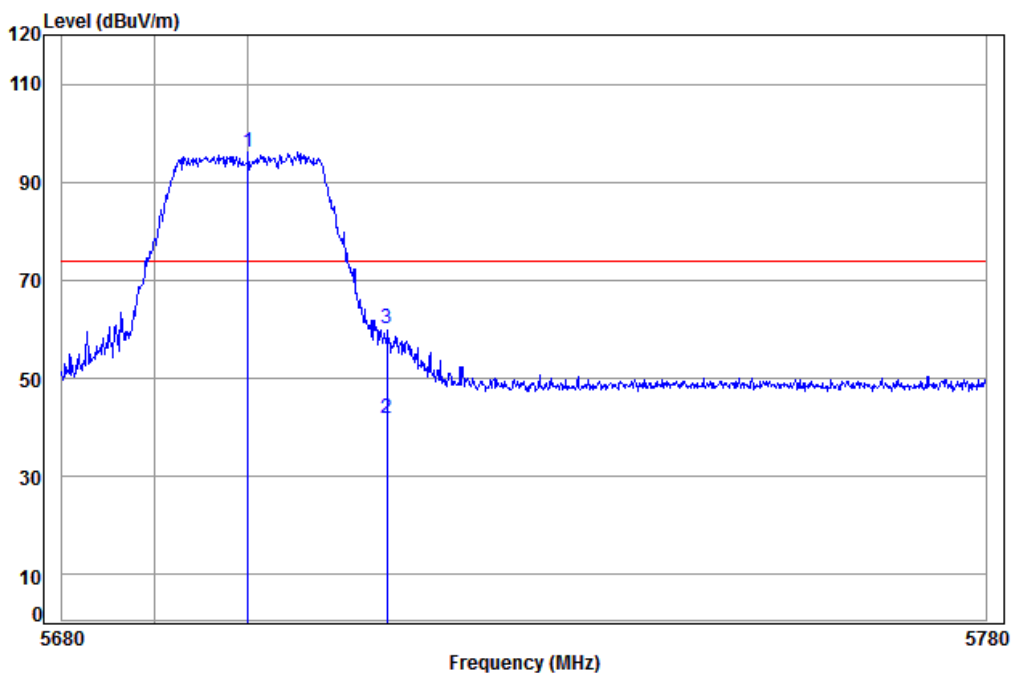


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 276 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5700	Horizontal
------------	----------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5700 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5699.960	8.46	34.52	39.03	92.20	96.15	74.00	22.15 Peak
2	av 5715.000	8.47	34.53	39.03	37.91	41.88	54.00	-12.12 Average
3	5715.000	8.47	34.53	39.03	56.07	60.04	74.00	-13.96 Peak

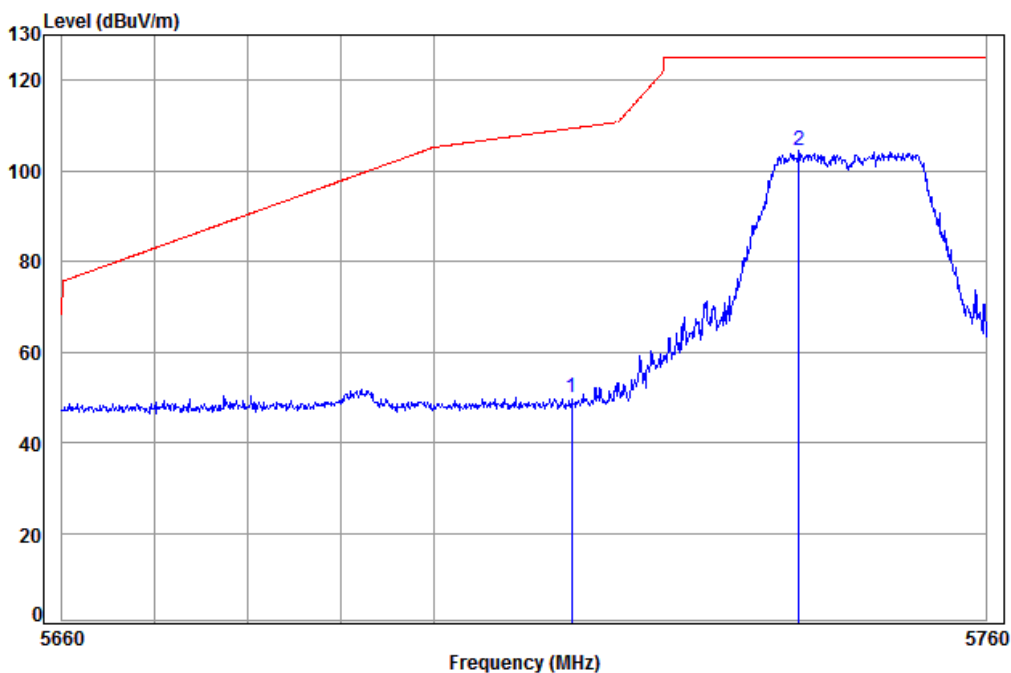


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 277 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5745	Vertical
------------	----------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5745 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	8.47	34.53	39.03	45.93	49.90	109.40	-59.50 Peak
2 pp	5739.659	8.50	34.55	39.02	100.41	104.44	125.20	-20.76 Peak

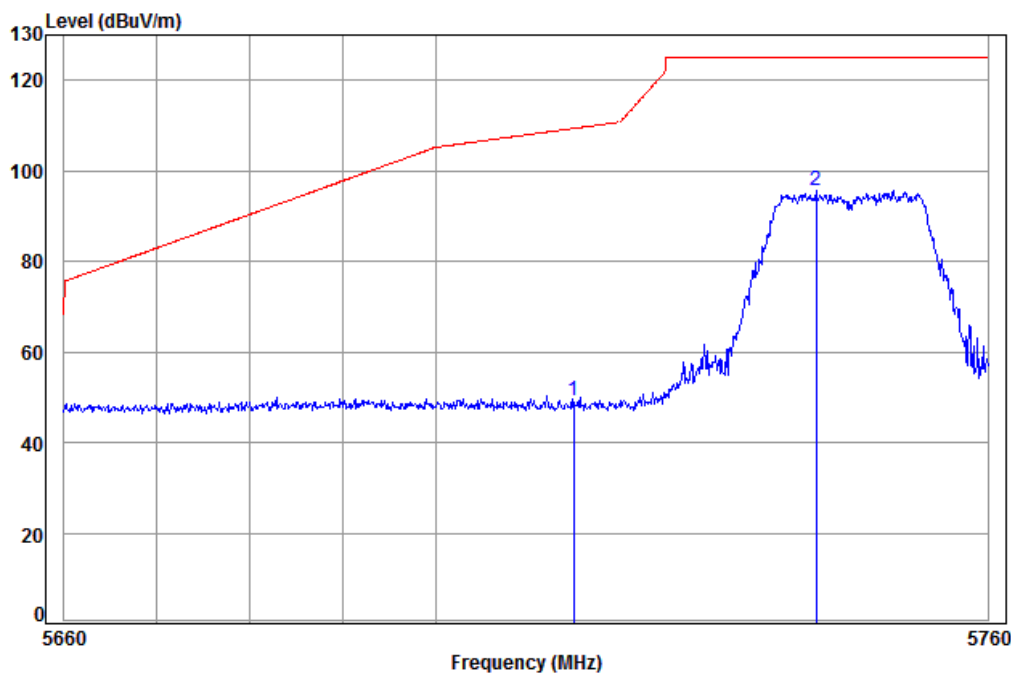


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 278 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5745	Horizontal
------------	----------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5745 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	8.47	34.53	39.03	45.36	49.33	109.40	-60.07 Peak
2 pp	5741.267	8.50	34.55	39.02	91.51	95.54	125.20	-29.66 Peak

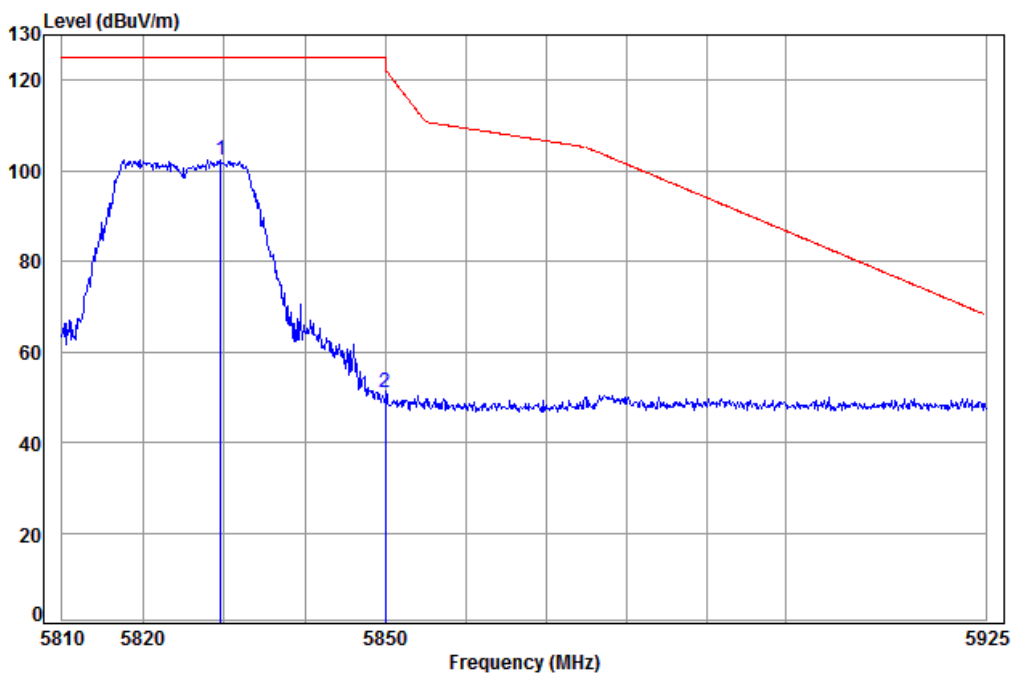


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 279 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5825	Vertical
------------	----------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309CR

Mode: : 5825 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5829.620	8.58	34.60	39.02	98.34	102.50	125.20	-22.70 Peak
2	5850.000	8.60	34.61	39.01	46.80	51.00	122.20	-71.20 Peak

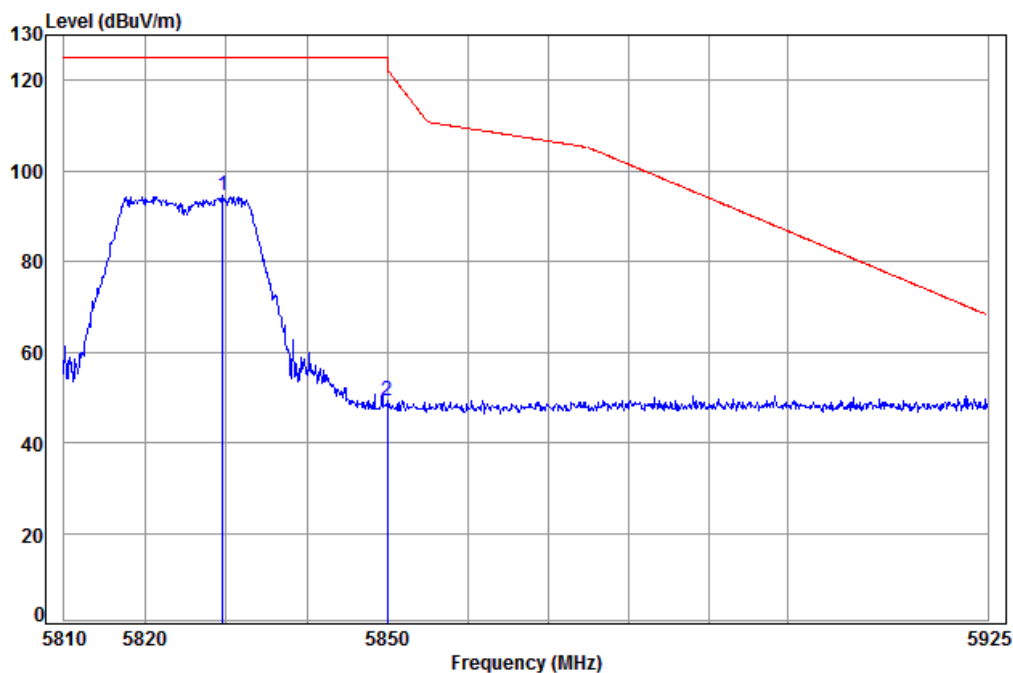


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 280 of 345

Test mode:	802.11ac(HT20)	Frequency(MHz):	5825	Horizontal
------------	----------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309CR

Mode: : 5825 Band edge

: A20

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5829.620	8.58	34.60	39.02	90.43	94.59	125.20	-30.61 Peak
2	5850.000	8.60	34.61	39.01	45.07	49.27	122.20	-72.93 Peak

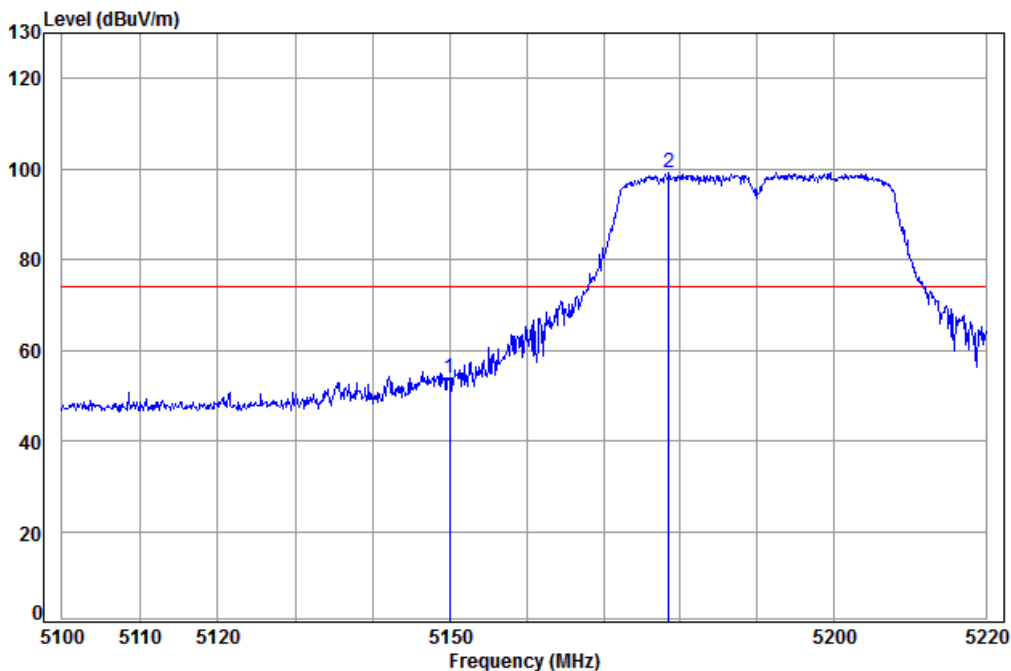


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 281 of 345

Test mode:	802.11n(HT40)	Frequency(MHz):	5190	Vertical
------------	---------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5190 Band edge

: N40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	50.30	53.77	74.00	-20.23 Peak
2 pp	5178.525	8.09	34.46	39.08	95.84	99.31	74.00	25.31 Peak

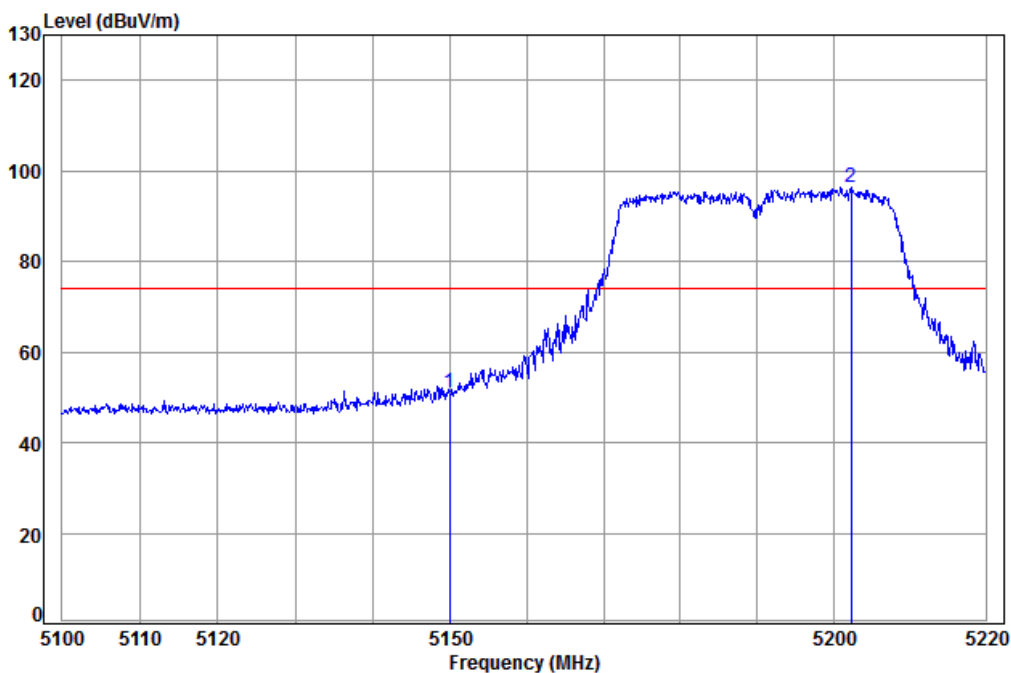


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 282 of 345

Test mode:	802.11n(HT40)	Frequency(MHz):	5190	Horizontal
------------	---------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5190 Band edge

: N40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	47.53	51.00	74.00	-23.00 Peak
2	5202.306	8.10	34.46	39.08	92.94	96.42	74.00	22.42 Peak

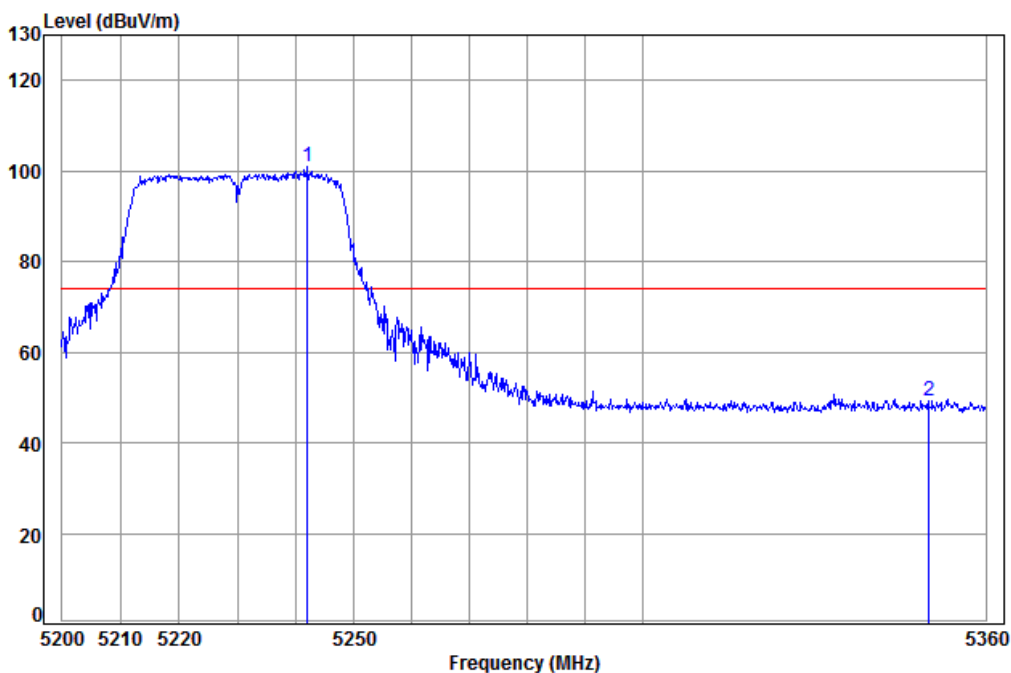


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 283 of 345

Test mode:	802.11n(HT40)	Frequency(MHz):	5230	Vertical
------------	---------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5230 Band edge

: N40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5242.088	8.12	34.45	39.07	97.59	101.09	74.00	27.09 Peak
2	5350.000	8.18	34.43	39.06	45.51	49.06	74.00	-24.94 Peak

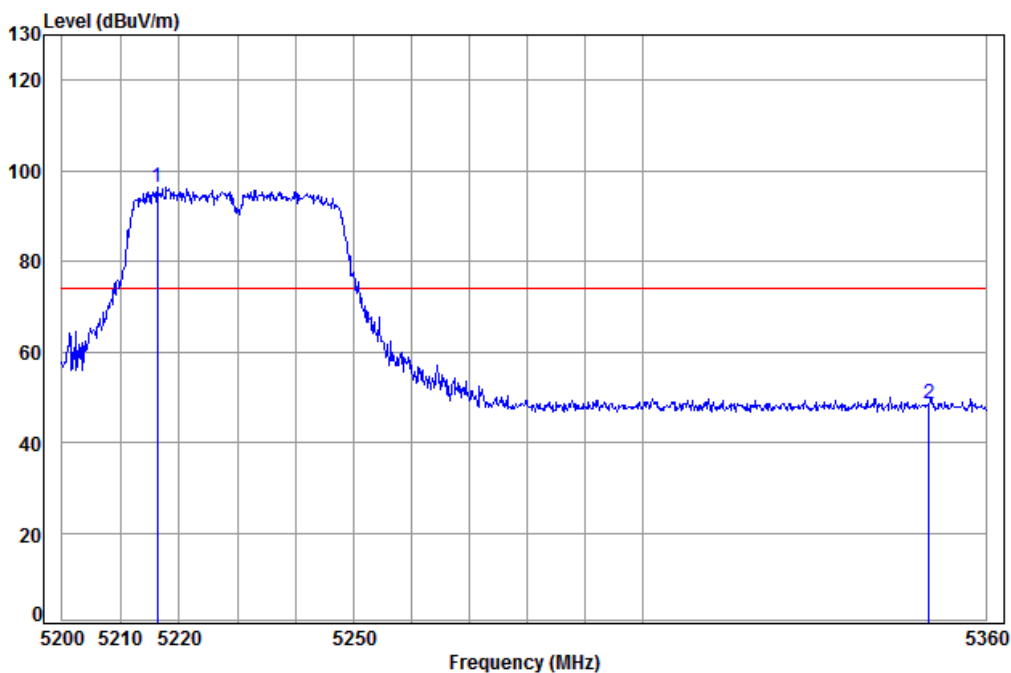


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 284 of 345

Test mode:	802.11n(HT40)	Frequency(MHz):	5230	Horizontal
------------	---------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5230 Band edge

: N40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5216.257	8.11	34.46	39.08	92.81	96.30	74.00	22.30 Peak
2	5350.000	8.18	34.43	39.06	45.12	48.67	74.00	-25.33 Peak

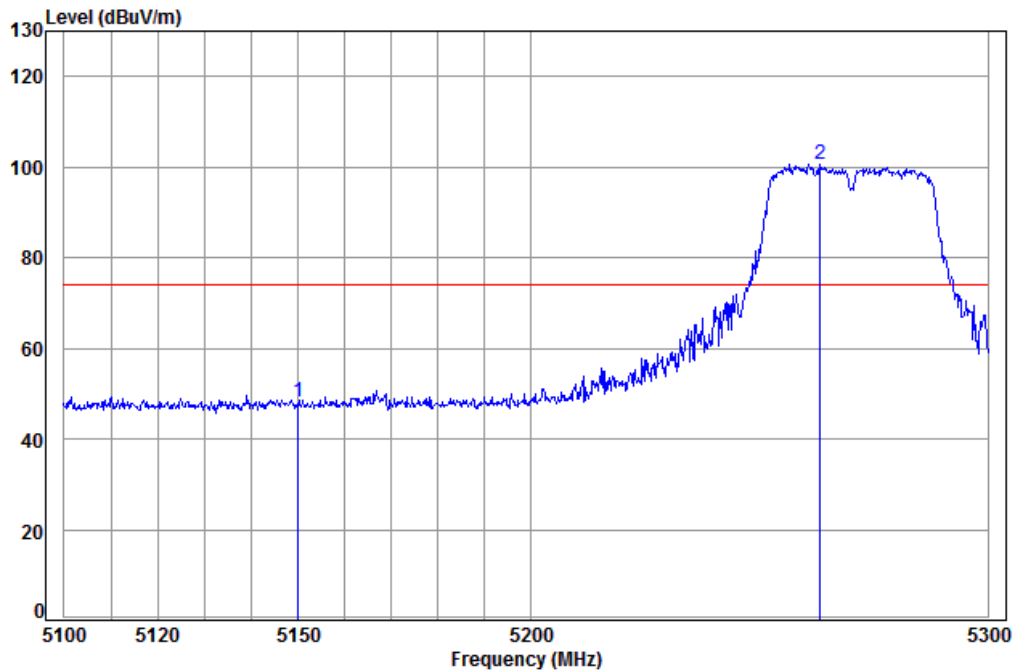


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 285 of 345

Test mode:	802.11n(HT40)	Frequency(MHz):	5270	Vertical
------------	---------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5270 Band edge

: N40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	44.84	48.31	74.00	-25.69 Peak
2 pp	5263.228	8.13	34.45	39.07	97.24	100.75	74.00	26.75 Peak

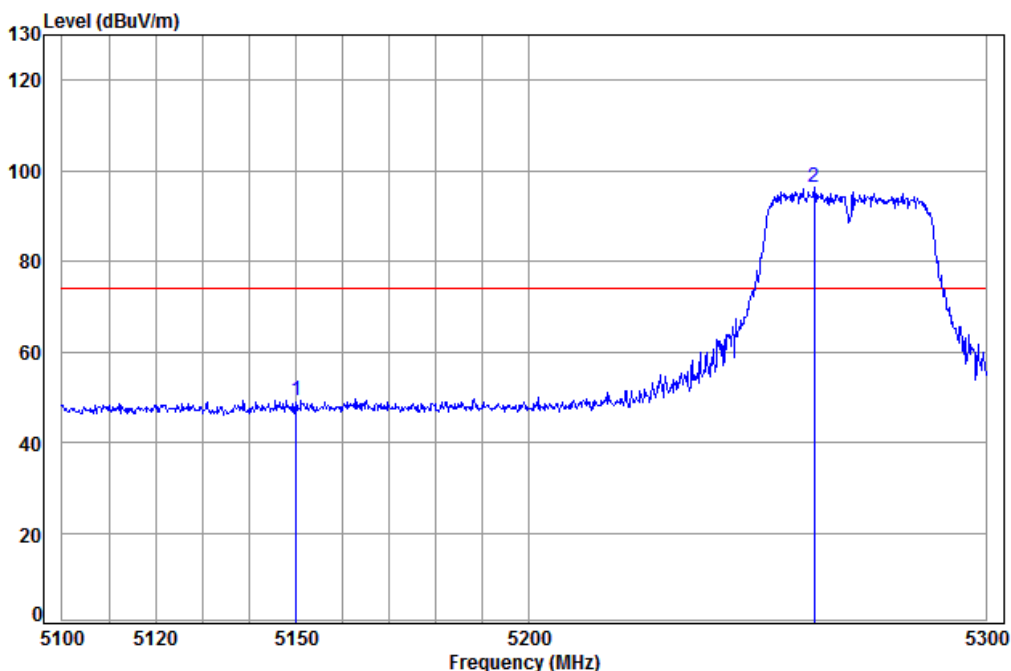


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM160700630905

Page: 286 of 345

Test mode:	802.11n(HT40)	Frequency(MHz):	5270	Horizontal
------------	---------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5270 Band edge

: N40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	45.73	49.20	74.00	-24.80 Peak
2	5262.215	8.13	34.45	39.07	92.81	96.32	74.00	22.32 Peak

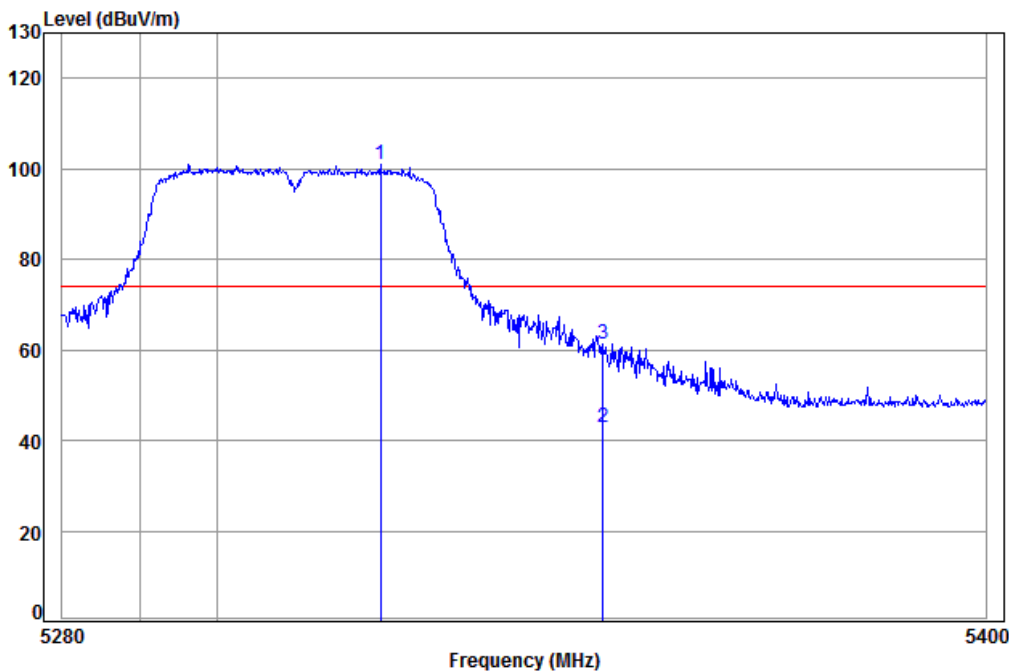


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM160700630905

Page: 287 of 345

Test mode:	802.11n(HT40)	Frequency(MHz):	5310	Vertical
------------	---------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5310 Band edge

: N40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5321.096	8.16	34.43	39.07	97.49	101.01	74.00	27.01 Peak
2	av 5350.000	8.18	34.43	39.06	39.24	42.79	54.00	-11.21 Average
3	5350.000	8.18	34.43	39.06	57.66	61.21	74.00	-12.79 Peak

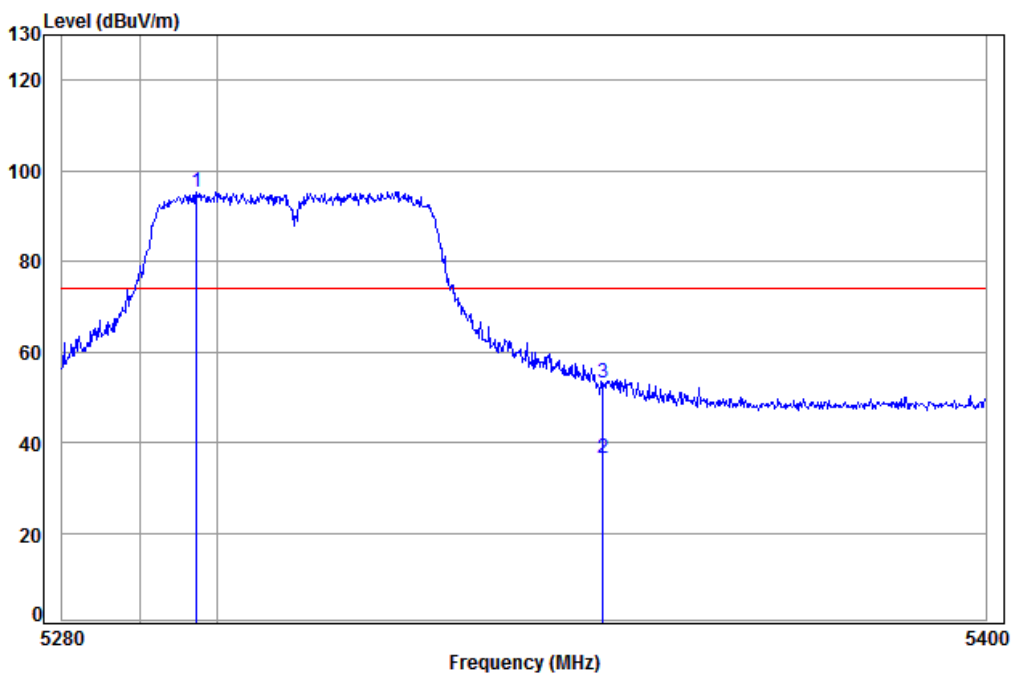


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 288 of 345

Test mode:	802.11n(HT40)	Frequency(MHz):	5310	Horizontal
------------	---------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5310 Band edge

: N40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5297.353	8.15	34.44	39.07	91.82	95.34	74.00	21.34 Peak
2	av 5350.000	8.18	34.43	39.06	32.99	36.54	54.00	-17.46 Average
3	5350.000	8.18	34.43	39.06	49.56	53.11	74.00	-20.89 Peak

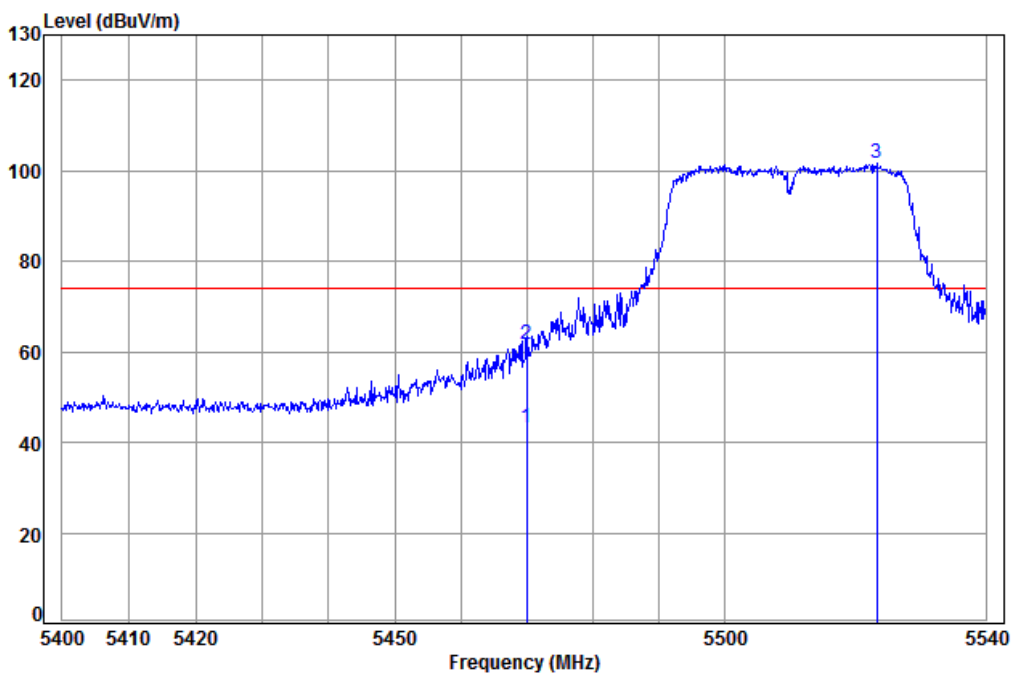


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 289 of 345

Test mode:	802.11n(HT40)	Frequency(MHz):	5510	Vertical
------------	---------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5510 Band edge

: N40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 av	5470.000	8.24	34.41	39.05	39.63	43.23	54.00	-10.77 Average
2	5470.000	8.24	34.41	39.05	58.08	61.68	74.00	-12.32 Peak
3 pp	5523.293	8.27	34.41	39.05	98.14	101.77	74.00	27.77 Peak

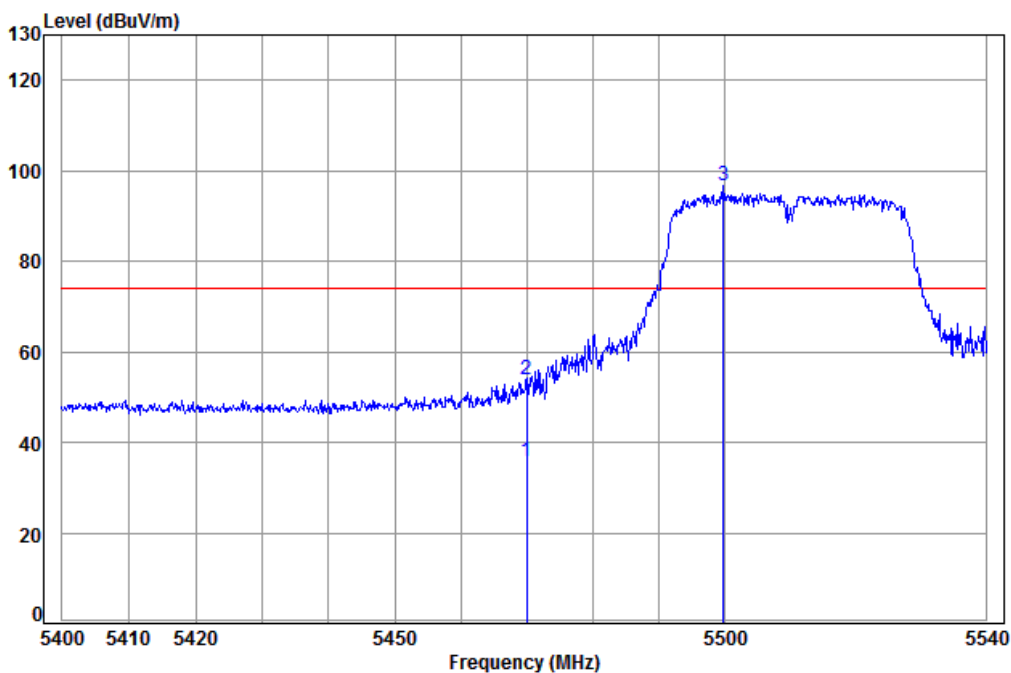


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 290 of 345

Test mode:	802.11n(HT40)	Frequency(MHz):	5510	Horizontal
------------	---------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5510 Band edge

: N40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 av	5470.000	8.24	34.41	39.05	32.35	35.95	54.00	-18.05 Average
2	5470.000	8.24	34.41	39.05	50.16	53.76	74.00	-20.24 Peak
3 pp	5499.875	8.25	34.40	39.05	93.08	96.68	74.00	22.68 Peak

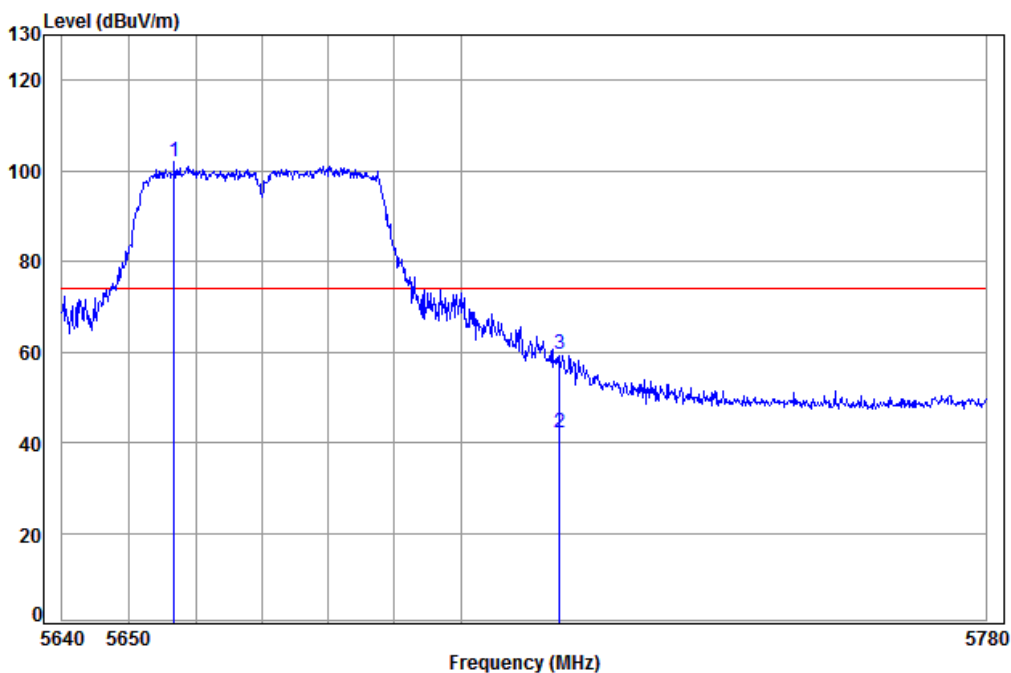


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 291 of 345

Test mode:	802.11n(HT40)	Frequency(MHz):	5670	Vertical
------------	---------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5670 Band edge

: N40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5656.758	8.41	34.50	39.03	98.16	102.04	74.00	28.04 Peak
2	av 5715.000	8.47	34.53	39.03	38.01	41.98	54.00	-12.02 Average
3	5715.000	8.47	34.53	39.03	55.48	59.45	74.00	-14.55 Peak

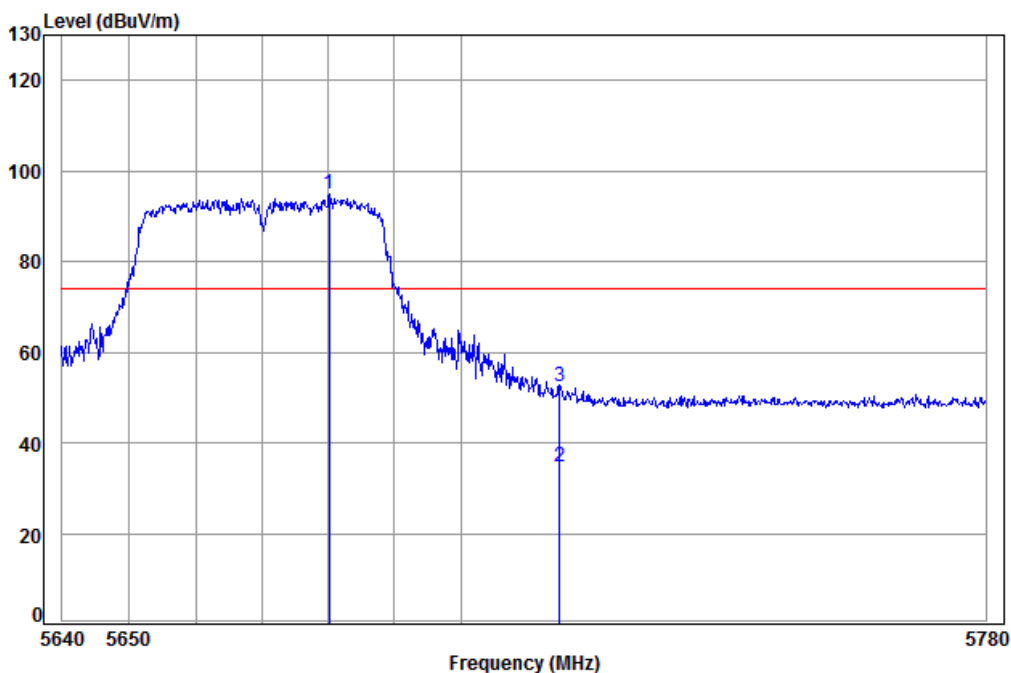


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 292 of 345

Test mode:	802.11n(HT40)	Frequency(MHz):	5670	Horizontal
------------	---------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5670 Band edge

: N40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5680.108	8.44	34.51	39.03	90.84	94.76	74.00	20.76 Peak
2	av 5715.000	8.47	34.53	39.03	30.66	34.63	54.00	-19.37 Average
3	5715.000	8.47	34.53	39.03	48.32	52.29	74.00	-21.71 Peak

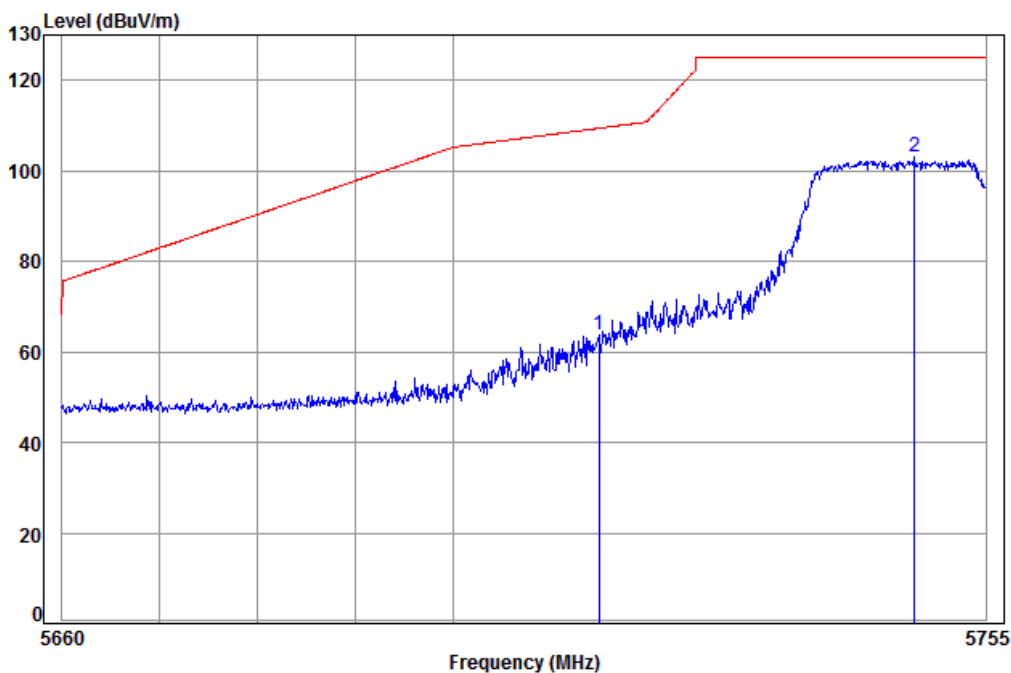


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 293 of 345

Test mode:	802.11n(HT40)	Frequency(MHz):	5755	Vertical
------------	---------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5755 Band edge

: N40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	8.47	34.53	39.03	59.78	63.75	109.40	-45.65 Peak
2 pp	5747.629	8.50	34.55	39.02	98.91	102.94	125.20	-22.26 Peak

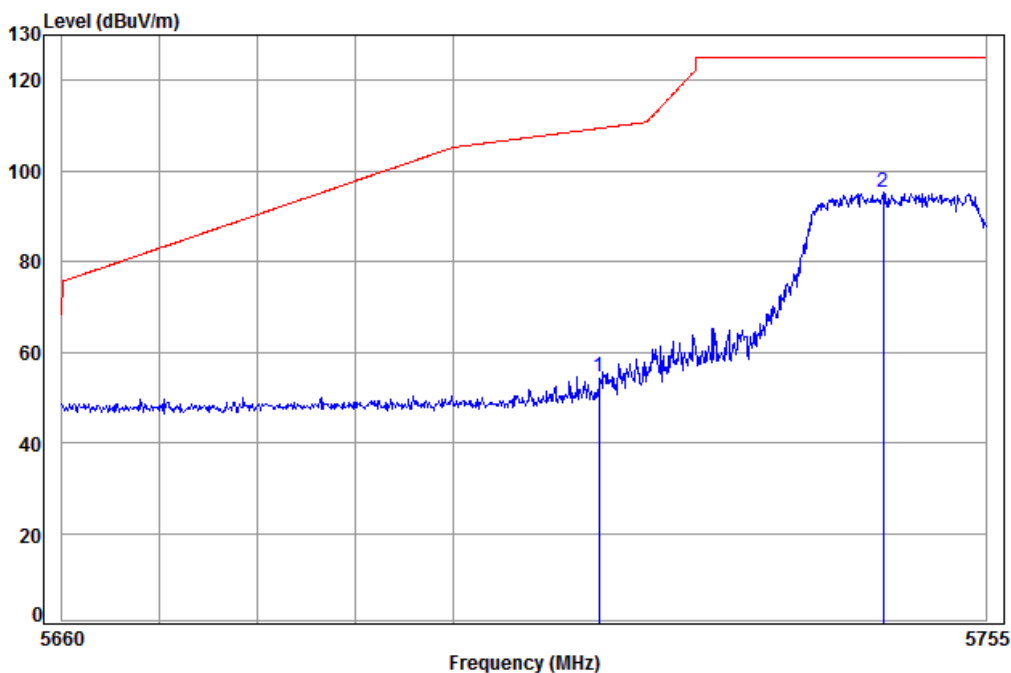


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 294 of 345

Test mode:	802.11n(HT40)	Frequency(MHz):	5755	Horizontal
------------	---------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5755 Band edge

: N40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	8.47	34.53	39.03	50.62	54.59	109.40	-54.81 Peak
2 pp	5744.377	8.50	34.55	39.02	91.18	95.21	125.20	-29.99 Peak

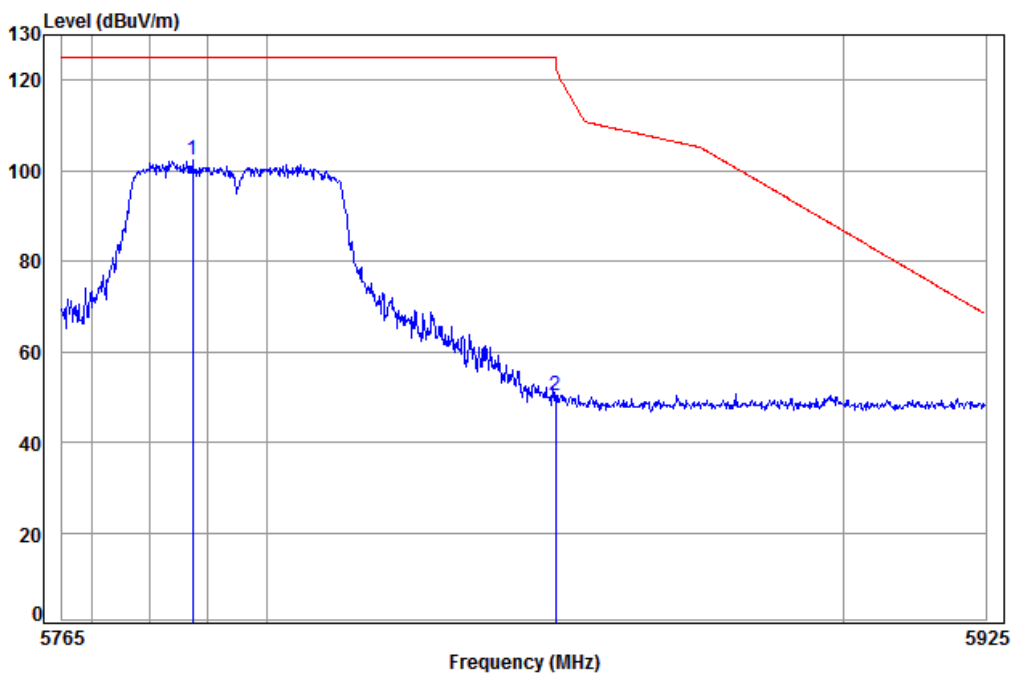


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 295 of 345

Test mode:	802.11n(HT40)	Frequency(MHz):	5795	Vertical
------------	---------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5795 Band edge

: N40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5787.295	8.54	34.58	39.02	98.16	102.26	125.20	-22.94 Peak
2	5850.000	8.60	34.61	39.01	46.22	50.42	122.20	-71.78 Peak

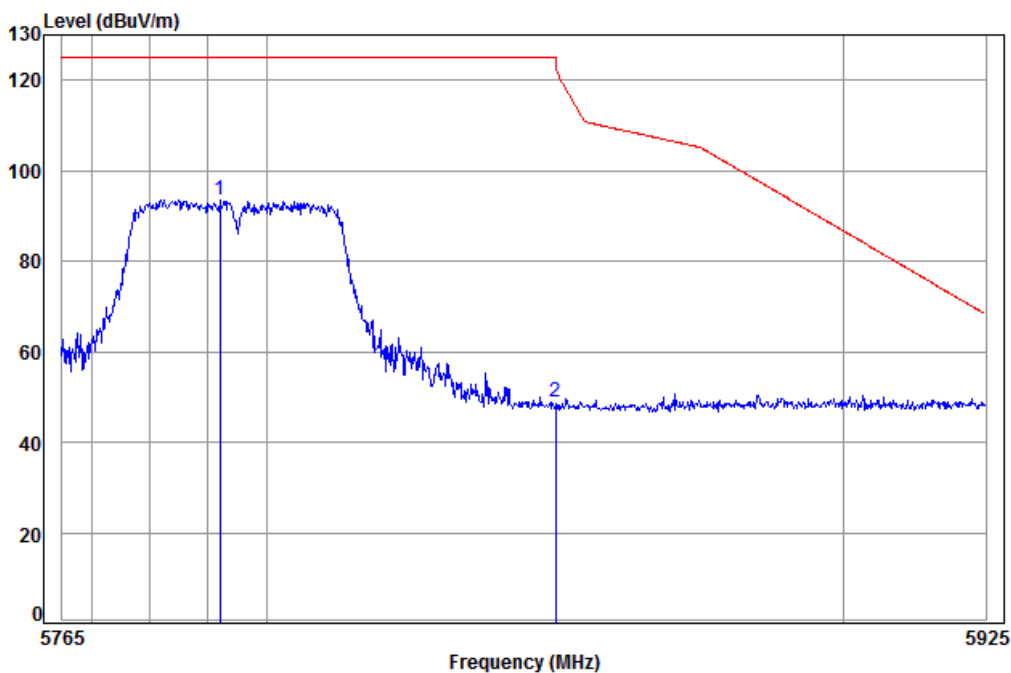


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 296 of 345

Test mode:	802.11n(HT40)	Frequency(MHz):	5795	Horizontal
------------	---------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5795 Band edge

: N40

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp 5792.050	8.55	34.58	39.02	89.53	93.64	125.20	-31.56 Peak
2 5850.000	8.60	34.61	39.01	44.52	48.72	122.20	-73.48 Peak

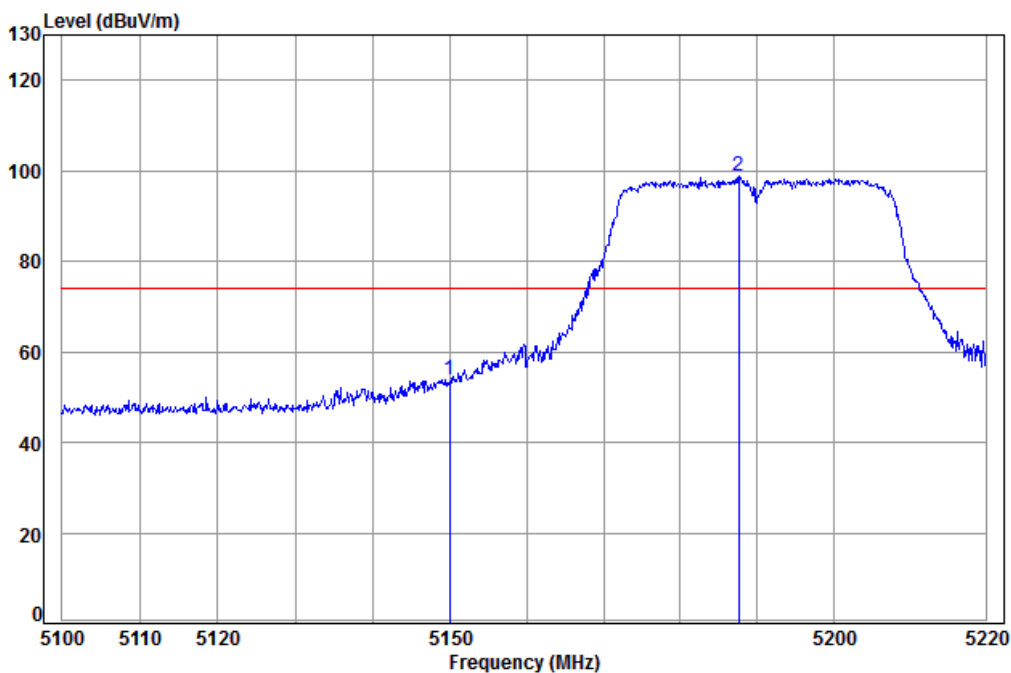


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 297 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5190	Vertical
------------	----------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5190 Band edge

: AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	50.29	53.76	74.00	-20.24 Peak
2	5187.687	8.10	34.46	39.08	95.38	98.86	74.00	24.86 Peak

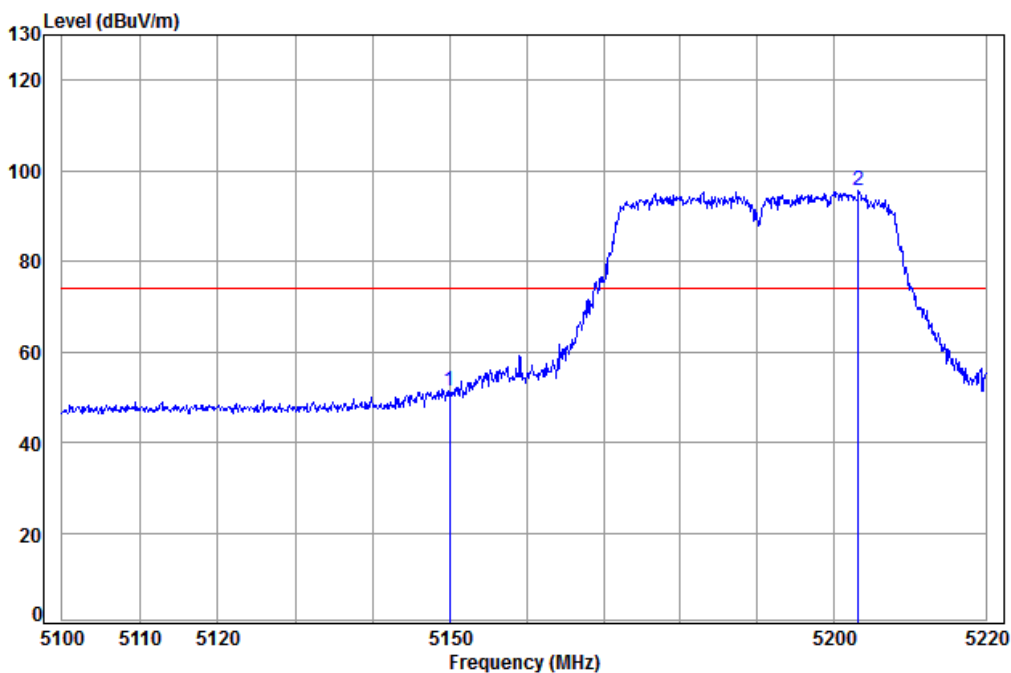


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 298 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5190	Horizontal
------------	----------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5190 Band edge

: AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	48.02	51.49	74.00	-22.51 Peak
2	5203.273	8.10	34.46	39.08	92.25	95.73	74.00	21.73 Peak

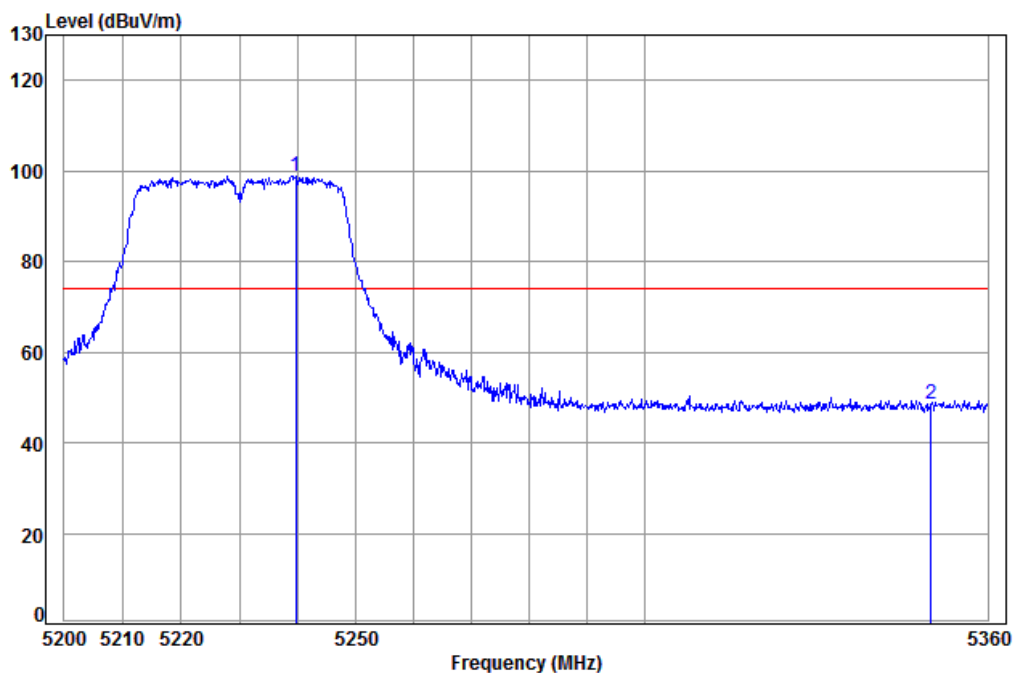


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 299 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5230	Vertical
------------	----------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5230 Band edge

: AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5239.706	8.12	34.45	39.07	95.34	98.84	74.00	24.84 Peak
2	5350.000	8.18	34.43	39.06	45.04	48.59	74.00	-25.41 Peak

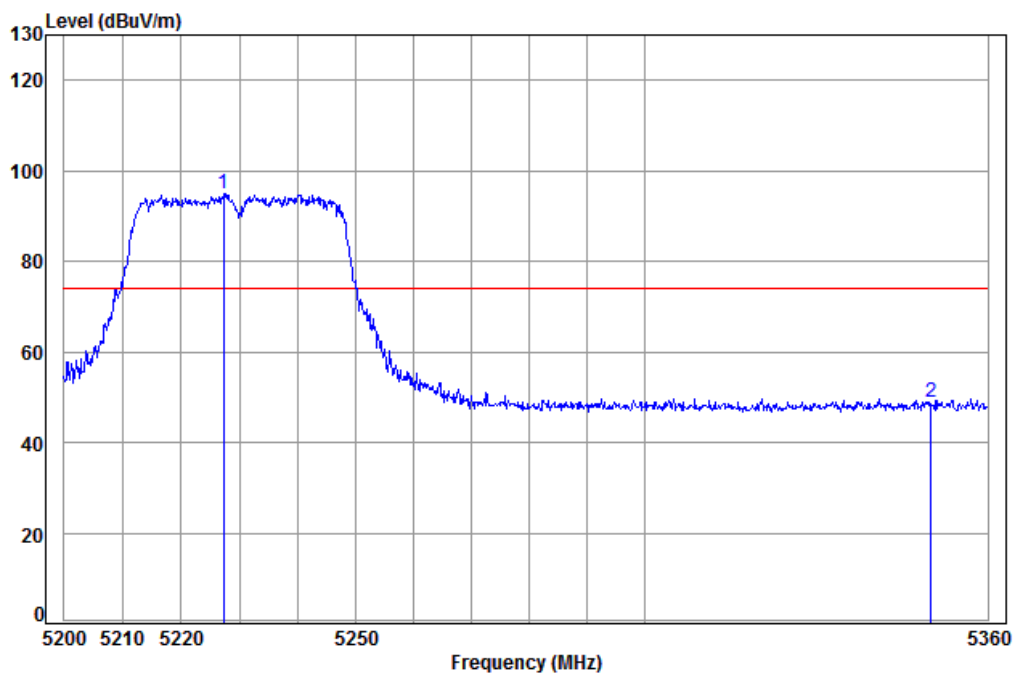


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM160700630905

Page: 300 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5230	Horizontal
------------	----------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5230 Band edge

: AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5227.334	8.12	34.45	39.08	91.50	94.99	74.00	20.99 Peak
2	5350.000	8.18	34.43	39.06	45.43	48.98	74.00	-25.02 Peak

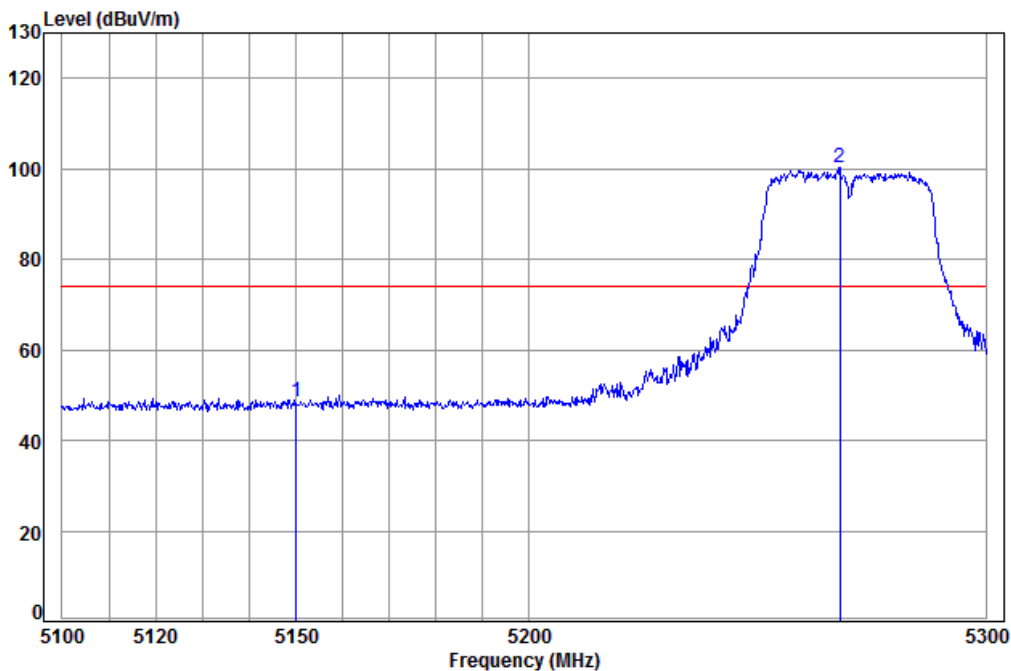


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 301 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5270	Vertical
------------	----------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5270 Band edge

: AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	45.22	48.69	74.00	-25.31 Peak
2	5267.886	8.14	34.45	39.07	96.77	100.29	74.00	26.29 Peak

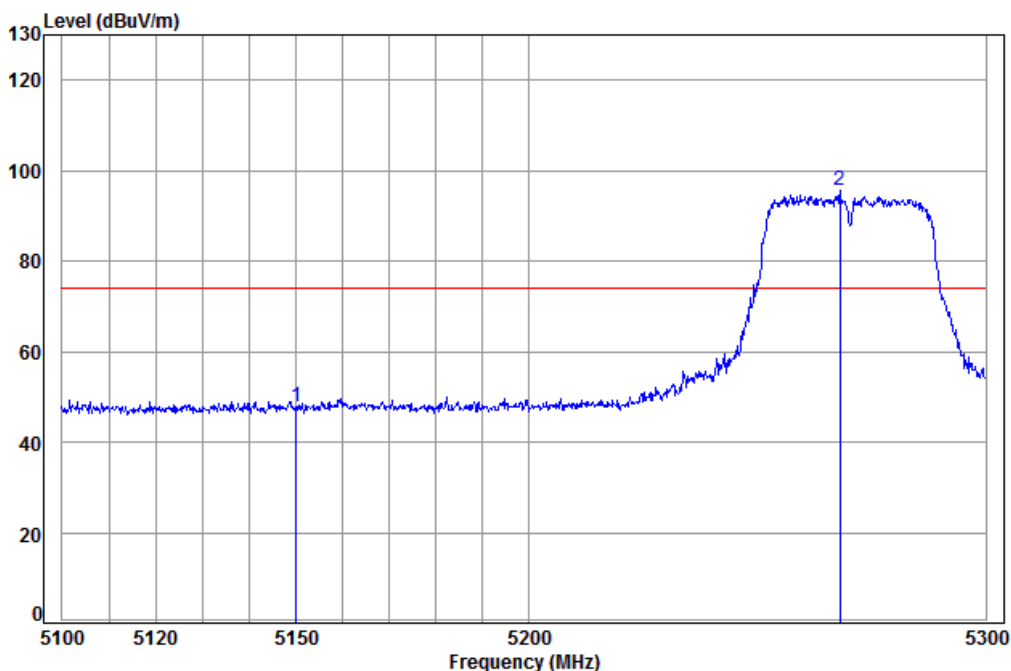


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 302 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5270	Horizontal
------------	----------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5270 Band edge

: AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	44.51	47.98	74.00	-26.02 Peak
2 pp	5267.886	8.14	34.45	39.07	92.20	95.72	74.00	21.72 Peak

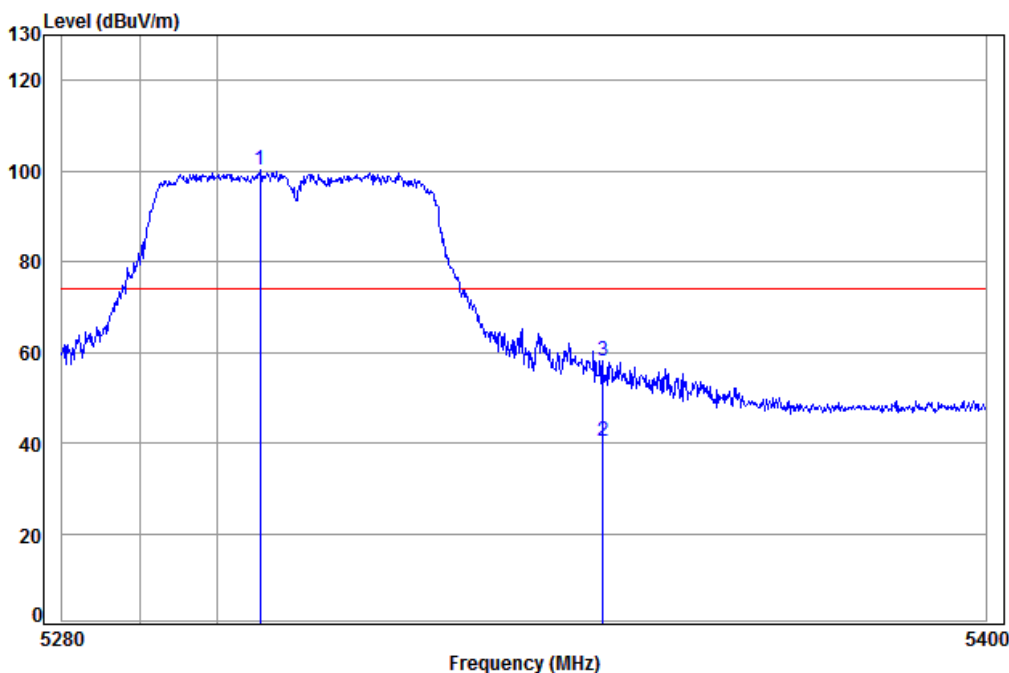


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 303 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5310	Vertical
------------	----------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5310 Band edge

: AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5305.454	8.16	34.44	39.07	96.73	100.26	74.00	26.26 Peak
2	av 5350.000	8.18	34.43	39.06	36.99	40.54	54.00	-13.46 Average
3	5350.000	8.18	34.43	39.06	54.57	58.12	74.00	-15.88 Peak

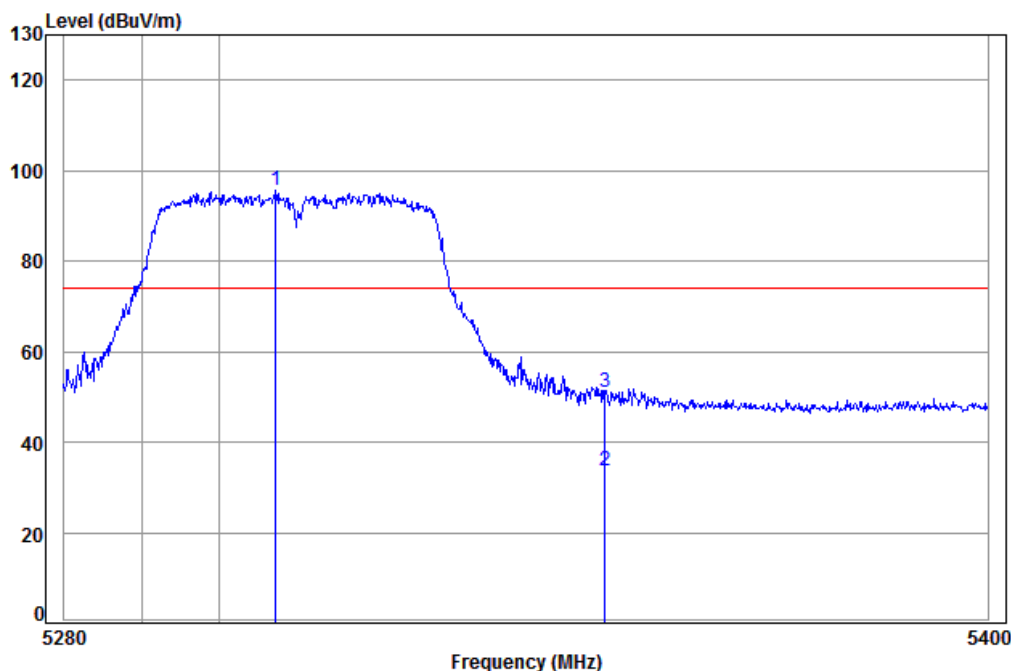


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 304 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5310	Horizontal
------------	----------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5310 Band edge

: AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5307.242	8.16	34.44	39.07	92.25	95.78	74.00	21.78 Peak
2	av 5350.000	8.18	34.43	39.06	30.22	33.77	54.00	-20.23 Average
3	5350.000	8.18	34.43	39.06	47.41	50.96	74.00	-23.04 Peak

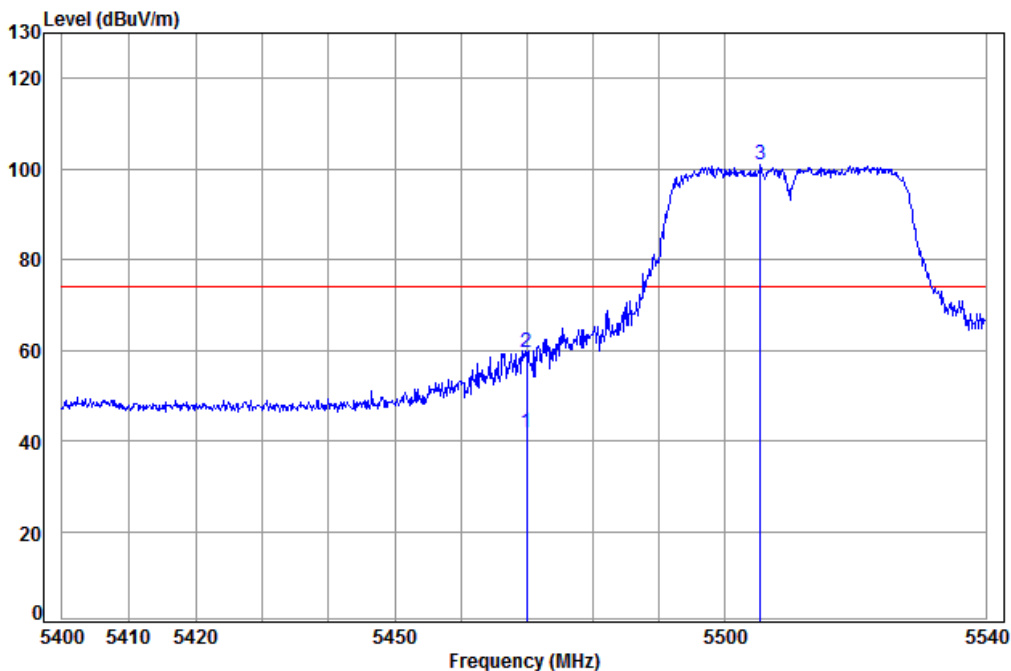


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 305 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5510	Vertical
------------	----------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5510 Band edge

: AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 av	5470.000	8.24	34.41	39.05	38.17	41.77	54.00	-12.23 Average
2	5470.000	8.24	34.41	39.05	55.85	59.45	74.00	-14.55 Peak
3 pp	5505.509	8.26	34.40	39.05	97.27	100.88	74.00	26.88 Peak

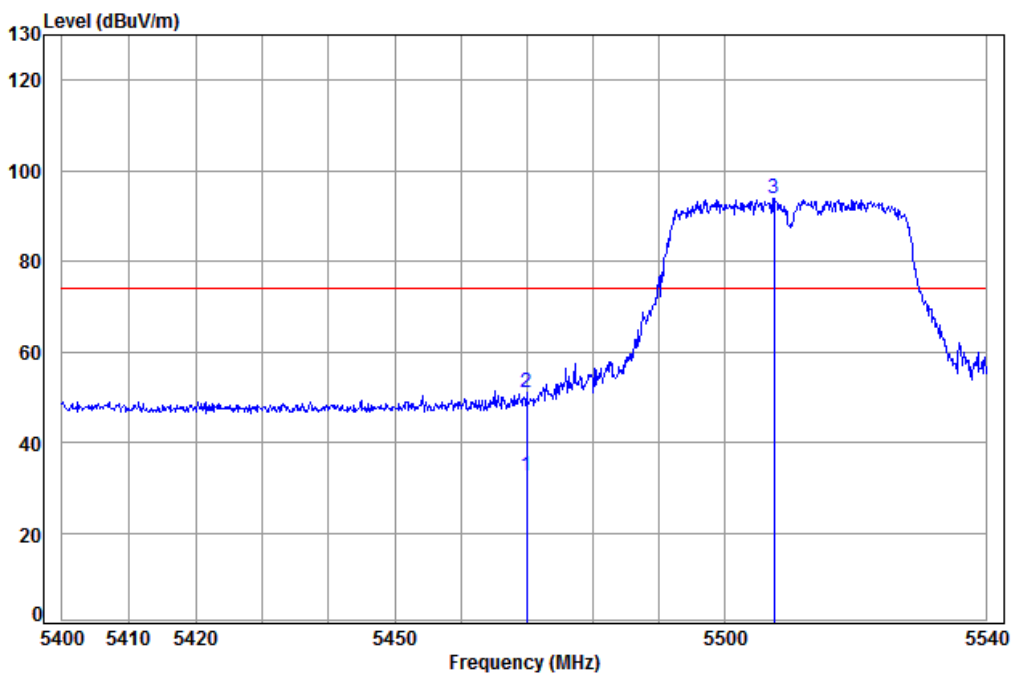


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 306 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5510	Horizontal
------------	----------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5510 Band edge

: AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 av	5470.000	8.24	34.41	39.05	28.99	32.59	54.00	-21.41 Average
2	5470.000	8.24	34.41	39.05	47.33	50.93	74.00	-23.07 Peak
3 pp	5507.623	8.26	34.40	39.05	90.26	93.87	74.00	19.87 Peak

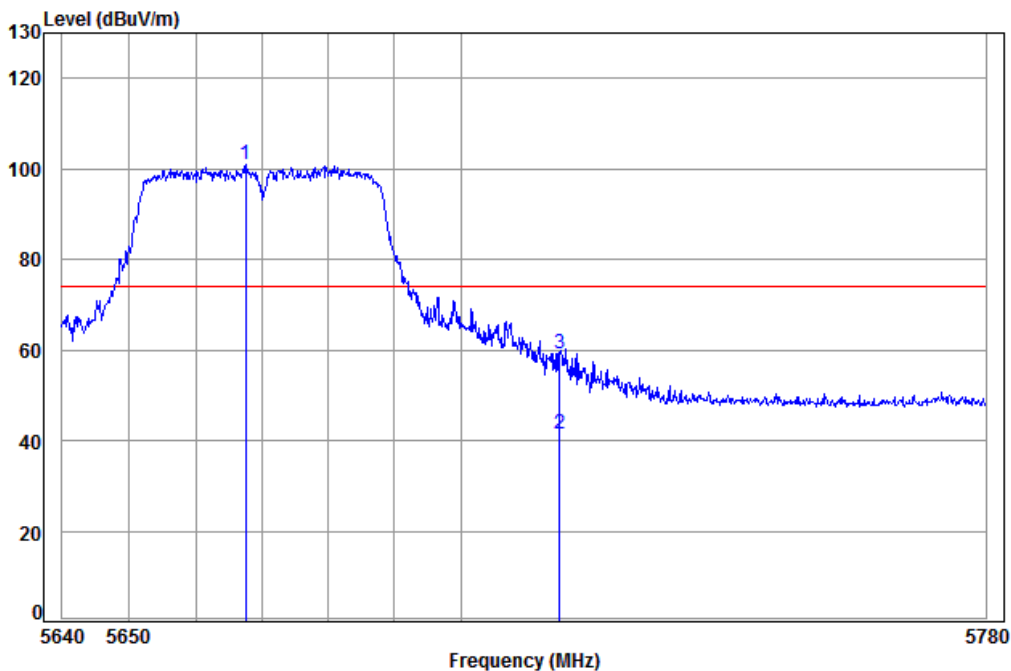


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 307 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5670	Vertical
------------	----------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5670 Band edge

: AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5667.587	8.42	34.50	39.03	96.98	100.87	74.00	26.87 Peak
2	av 5715.000	8.47	34.53	39.03	37.65	41.62	54.00	-12.38 Average
3	5715.000	8.47	34.53	39.03	55.31	59.28	74.00	-14.72 Peak

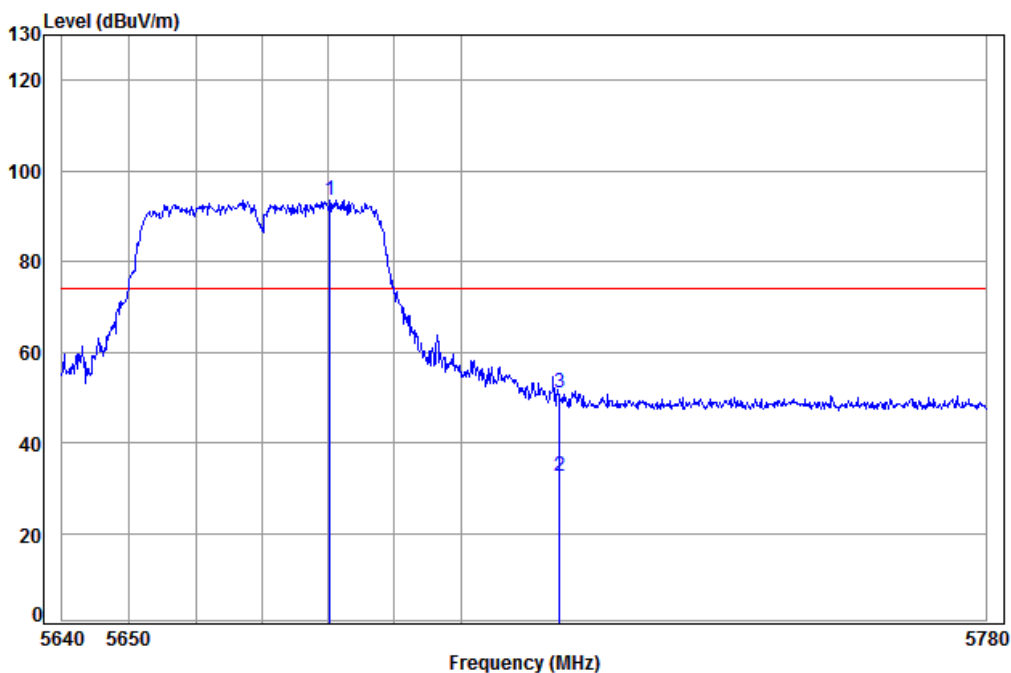


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM160700630905

Page: 308 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5670	Horizontal
------------	----------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5670 Band edge

: AC40

		Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB		dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp 5680.247	8.44	34.51	39.03	89.73	93.65	74.00	19.65	Peak
2 av 5715.000	8.47	34.53	39.03	28.51	32.48	54.00	-21.52	Average
3 5715.000	8.47	34.53	39.03	46.89	50.86	74.00	-23.14	Peak

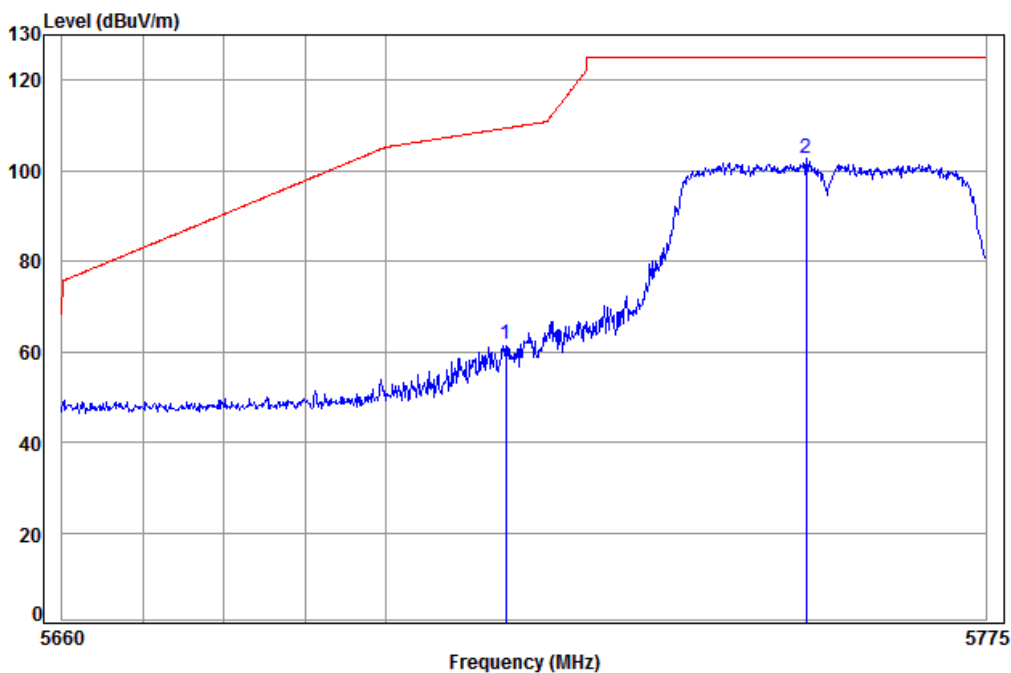


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 309 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5755	Vertical
------------	----------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5755 Band edge

: AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	8.47	34.53	39.03	57.82	61.79	109.40	-47.61 Peak
2 pp	5752.509	8.51	34.55	39.02	98.73	102.77	125.20	-22.43 Peak

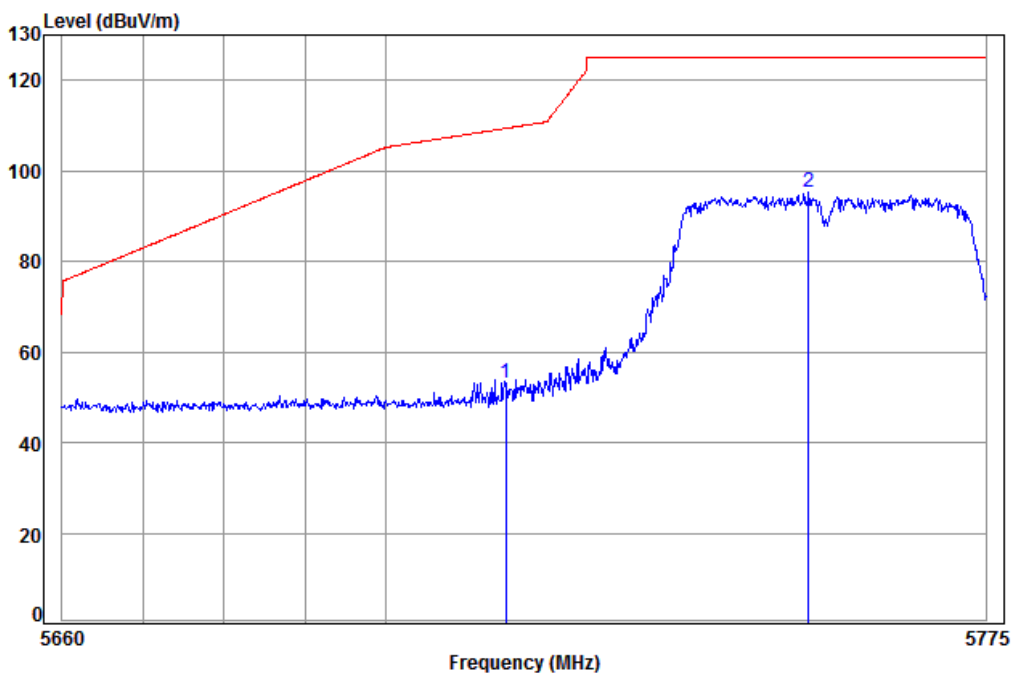


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 310 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5755	Horizontal
------------	----------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5755 Band edge

: AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	8.47	34.53	39.03	49.10	53.07	109.40	-56.33 Peak
2 pp	5752.740	8.51	34.55	39.02	91.08	95.12	125.20	-30.08 Peak

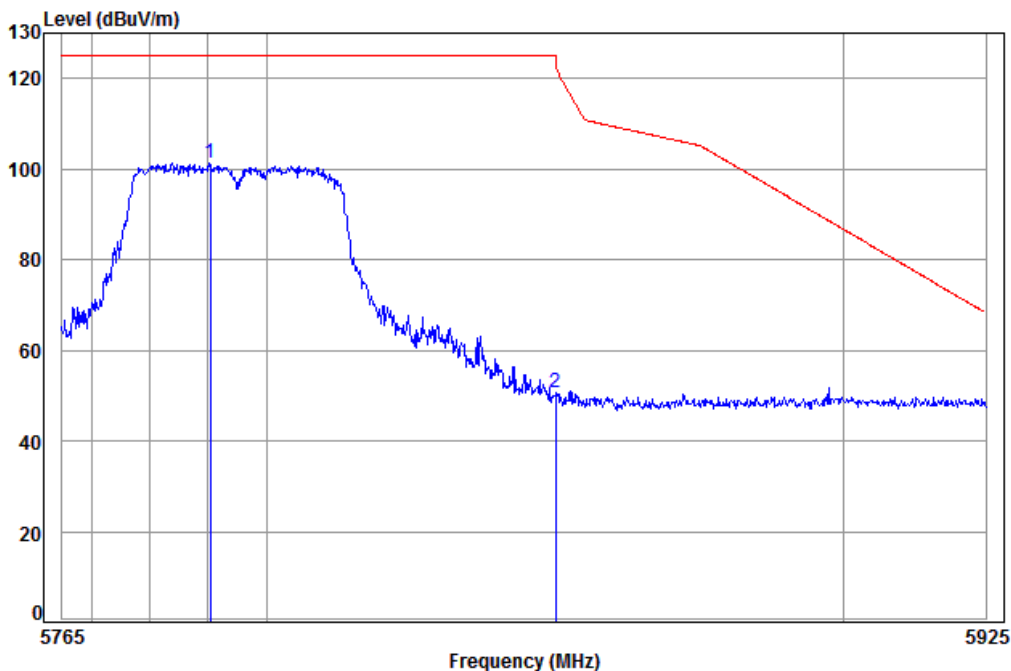


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 311 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5795	Vertical
------------	----------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5795 Band edge

: AC40

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	pp 5790.307	8.55	34.58	39.02	97.12	101.23	125.20	-23.97	Peak
2	5850.000	8.60	34.61	39.01	46.56	50.76	122.20	-71.44	Peak

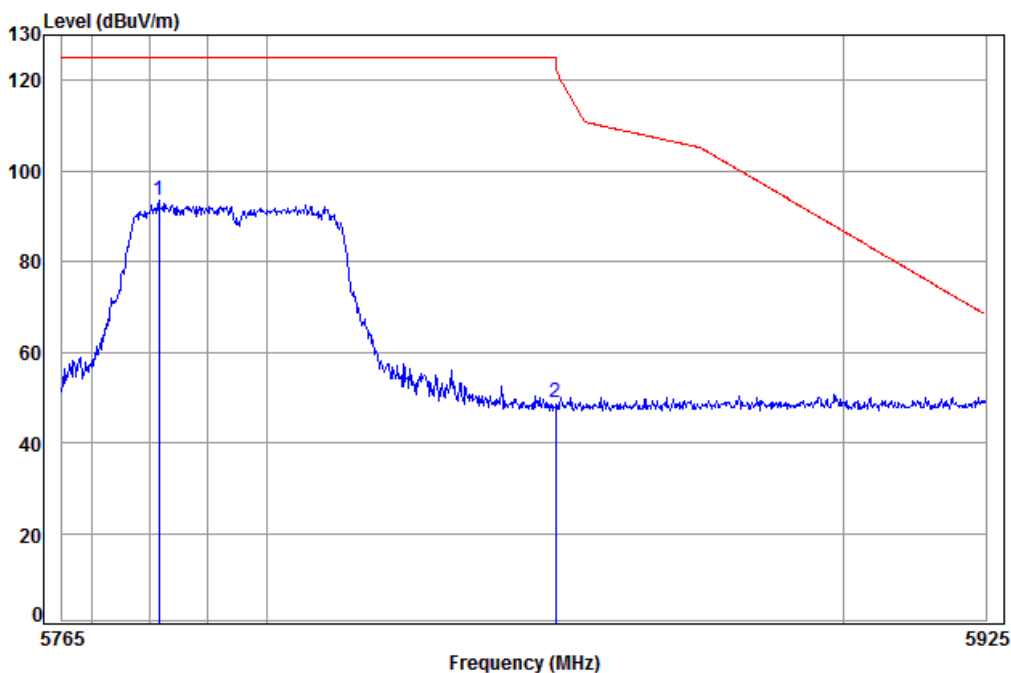


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 312 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5795	Horizontal
------------	----------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5795 Band edge

: AC40

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5781.595	8.54	34.57	39.02	89.46	93.55	125.20	-31.65 Peak
2	5850.000	8.60	34.61	39.01	44.69	48.89	122.20	-73.31 Peak

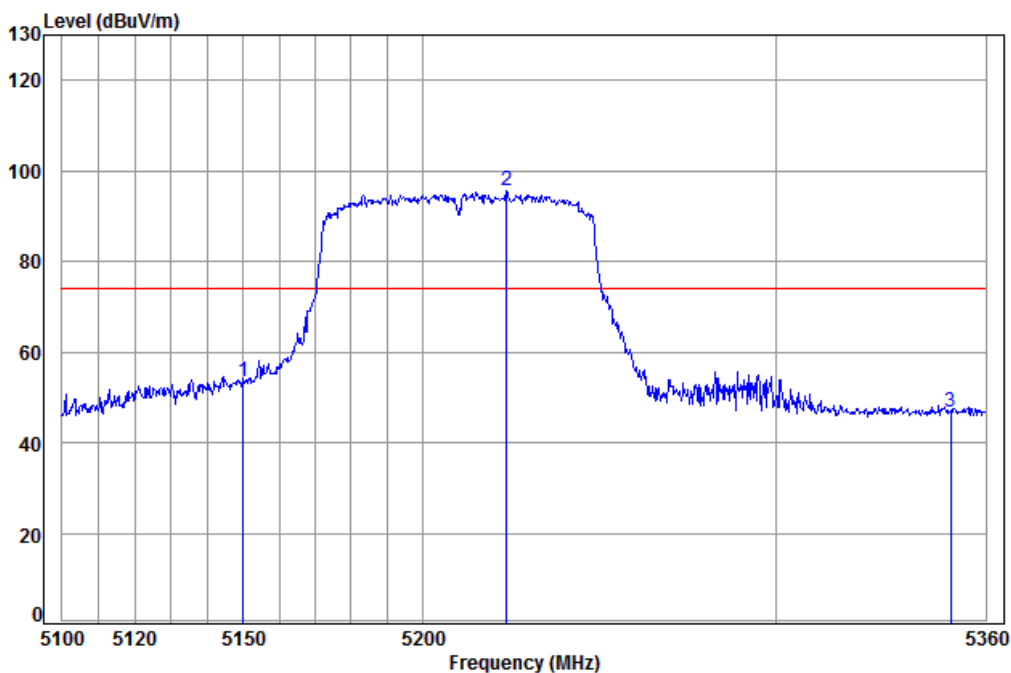


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 313 of 345

Test mode:	802.11ac(HT80)	Frequency(MHz):	5210	Vertical
------------	----------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5210 Band edge

: AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	49.87	53.34	74.00	-20.66 Peak
2	5223.447	8.11	34.45	39.08	92.09	95.57	74.00	21.57 Peak
3	5350.000	8.18	34.43	39.06	43.30	46.85	74.00	-27.15 Peak

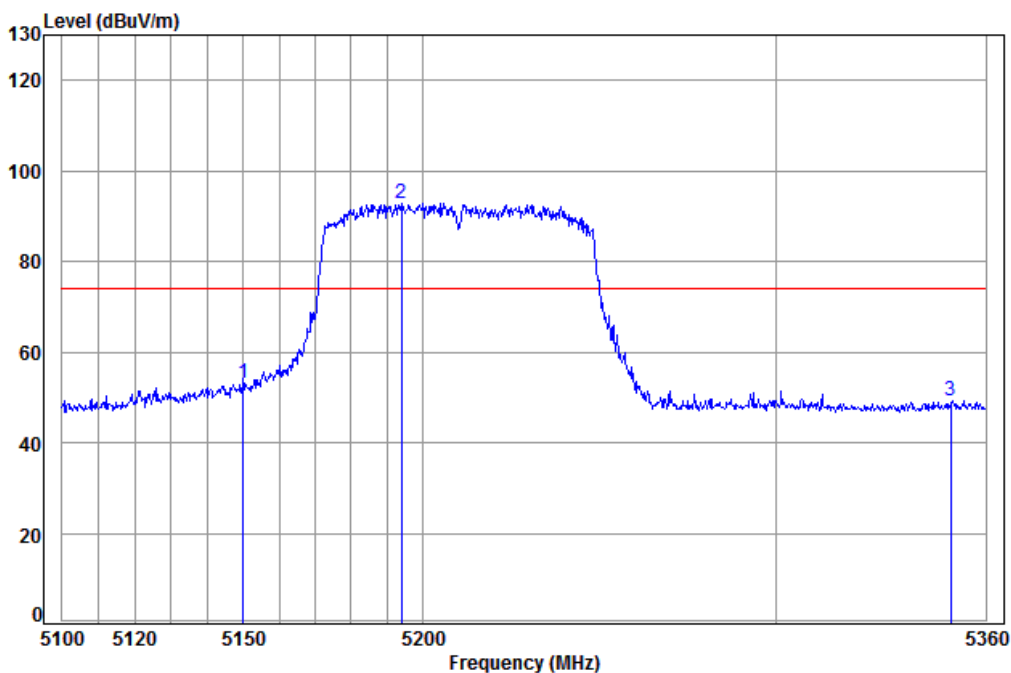


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 314 of 345

Test mode:	802.11ac(HT80)	Frequency(MHz):	5210	Horizontal
------------	----------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5210 Band edge

: AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	49.62	53.09	74.00	-20.91 Peak
2	5193.922	8.10	34.46	39.08	89.36	92.84	74.00	18.84 Peak
3	5350.000	8.18	34.43	39.06	45.83	49.38	74.00	-24.62 Peak

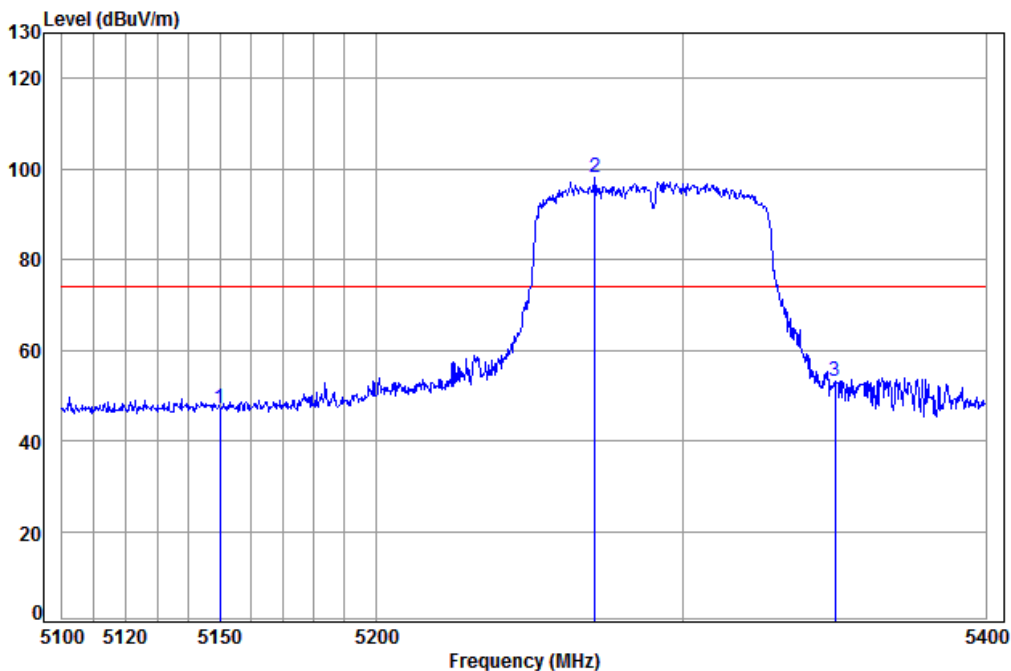


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 315 of 345

Test mode:	802.11ac(HT80)	Frequency(MHz):	5290	Vertical
------------	----------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5290 Band edge

: AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	43.69	47.16	74.00	-26.84 Peak
2	5271.004	8.14	34.44	39.07	94.68	98.19	74.00	24.19 Peak
3	5350.000	8.18	34.43	39.06	49.70	53.25	74.00	-20.75 Peak

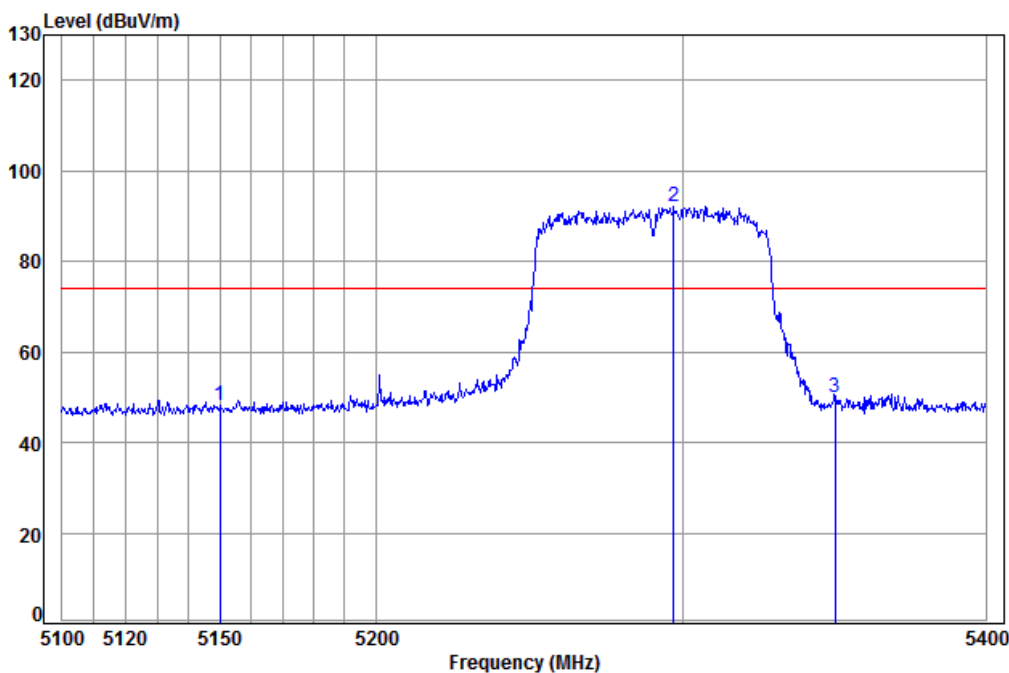


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 316 of 345

Test mode:	802.11ac(HT80)	Frequency(MHz):	5290	Horizontal
------------	----------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5290 Band edge

: AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5150.000	8.08	34.47	39.08	44.79	48.26	74.00	-25.74 Peak
2	pp 5296.676	8.15	34.44	39.07	88.60	92.12	74.00	18.12 Peak
3	5350.000	8.18	34.43	39.06	46.23	49.78	74.00	-24.22 Peak

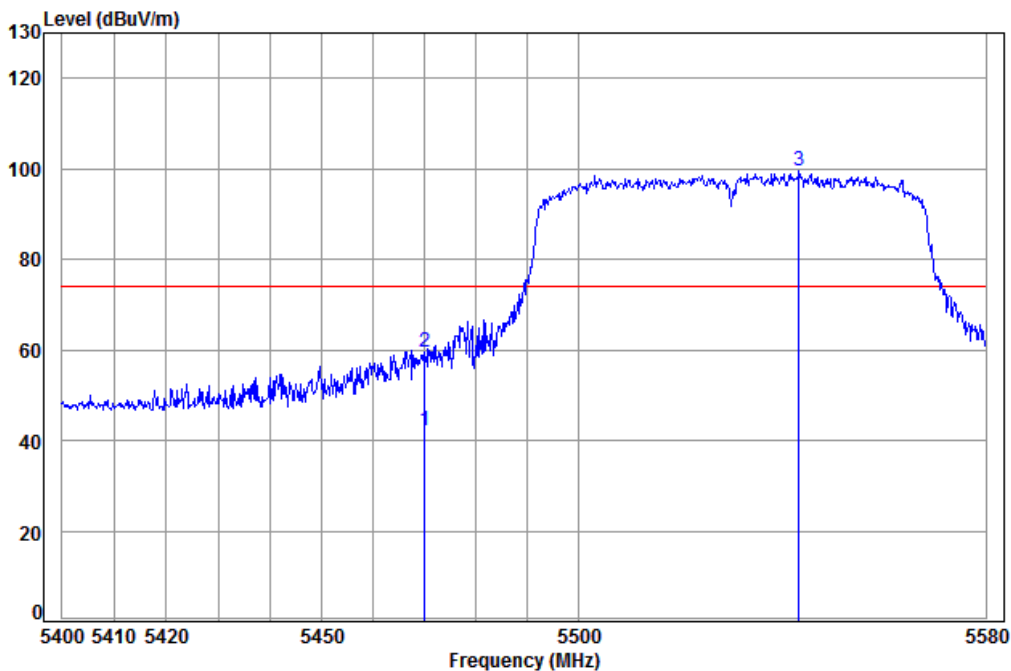


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 317 of 345

Test mode:	802.11ac(HT80)	Frequency(MHz):	5530	Vertical
------------	----------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5530 Band edge

: AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 av	5470.000	8.24	34.41	39.05	38.49	42.09	54.00	-11.91 Average
2	5470.000	8.24	34.41	39.05	55.77	59.37	74.00	-14.63 Peak
3 pp	5543.163	8.29	34.43	39.04	96.03	99.71	74.00	25.71 Peak

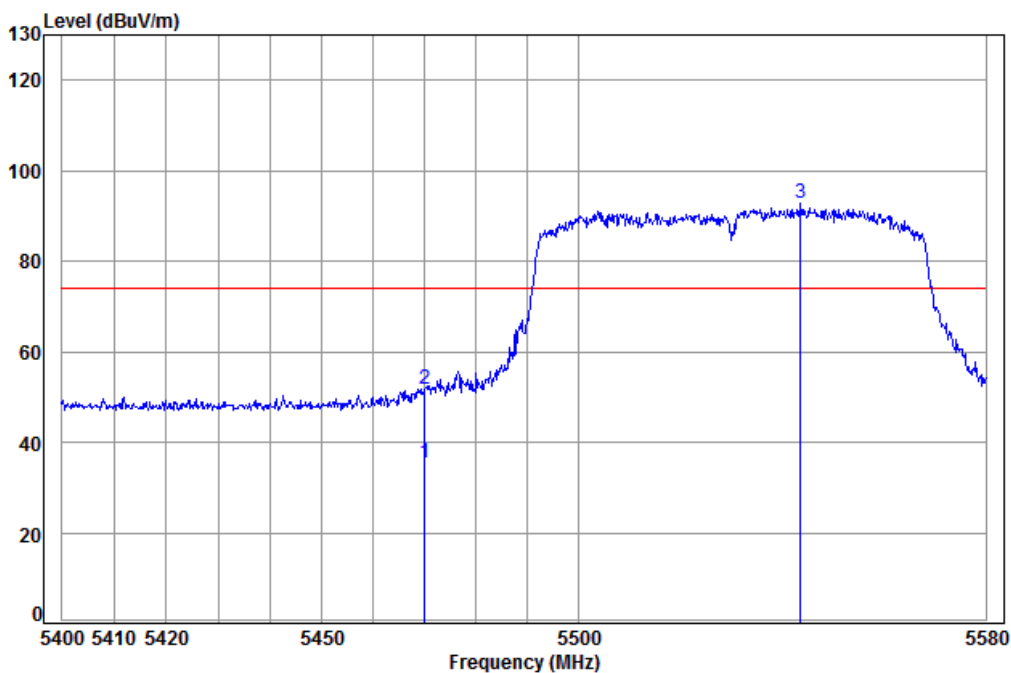


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 318 of 345

Test mode:	802.11ac(HT80)	Frequency(MHz):	5530	Horizontal
------------	----------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5530 Band edge

: AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 av	5470.000	8.24	34.41	39.05	31.99	35.59	54.00	-18.41 Average
2	5470.000	8.24	34.41	39.05	48.24	51.84	74.00	-22.16 Peak
3 pp	5543.526	8.30	34.43	39.04	89.04	92.73	74.00	18.73 Peak

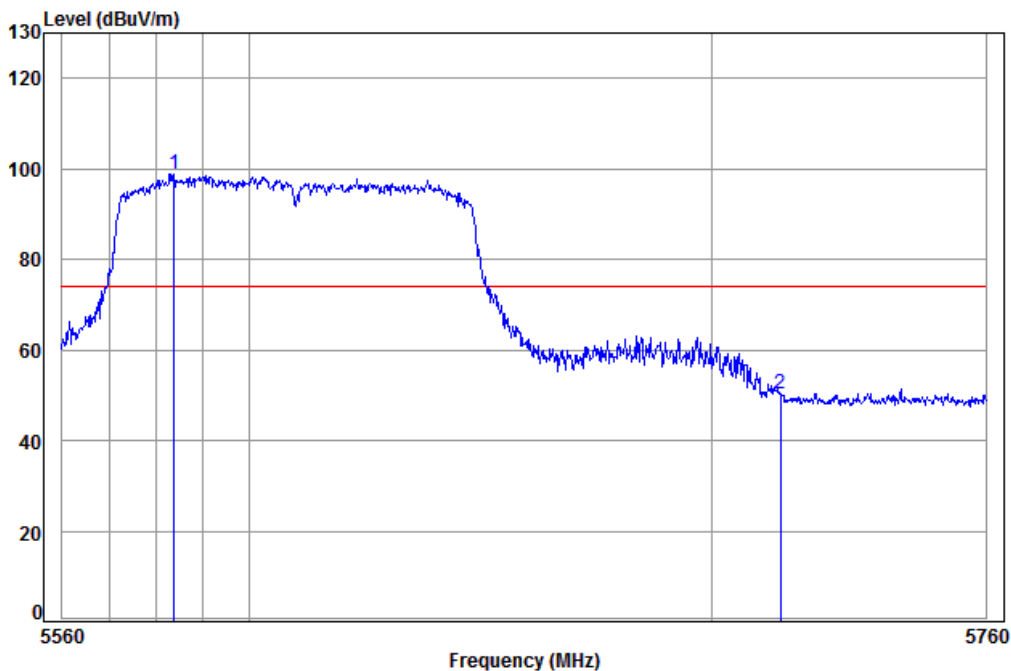


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 319 of 345

Test mode:	802.11ac(HT80)	Frequency(MHz):	5690	Vertical
------------	----------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5690 Band edge

: AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5583.826	8.34	34.45	39.04	95.24	98.99	74.00	24.99 Peak
2	5715.000	8.47	34.53	39.03	46.49	50.46	74.00	-23.54 Peak

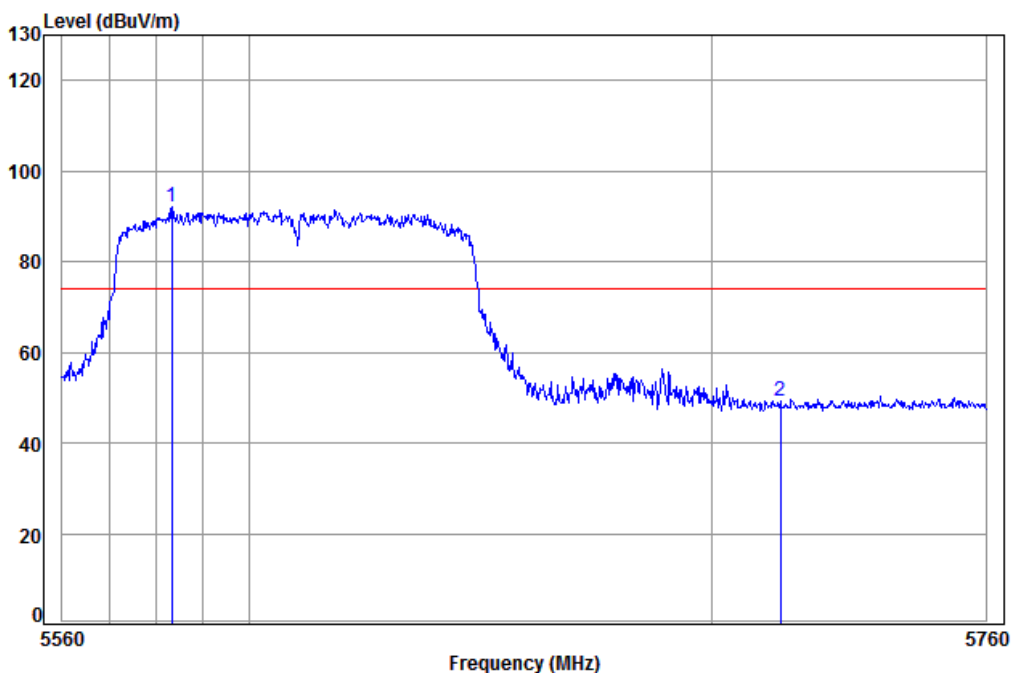


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 320 of 345

Test mode:	802.11ac(HT80)	Frequency(MHz):	5690	Horizontal
------------	----------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5690 Band edge

: AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	pp 5583.431	8.34	34.45	39.04	88.39	92.14	74.00	18.14 Peak
2	5715.000	8.47	34.53	39.03	45.28	49.25	74.00	-24.75 Peak

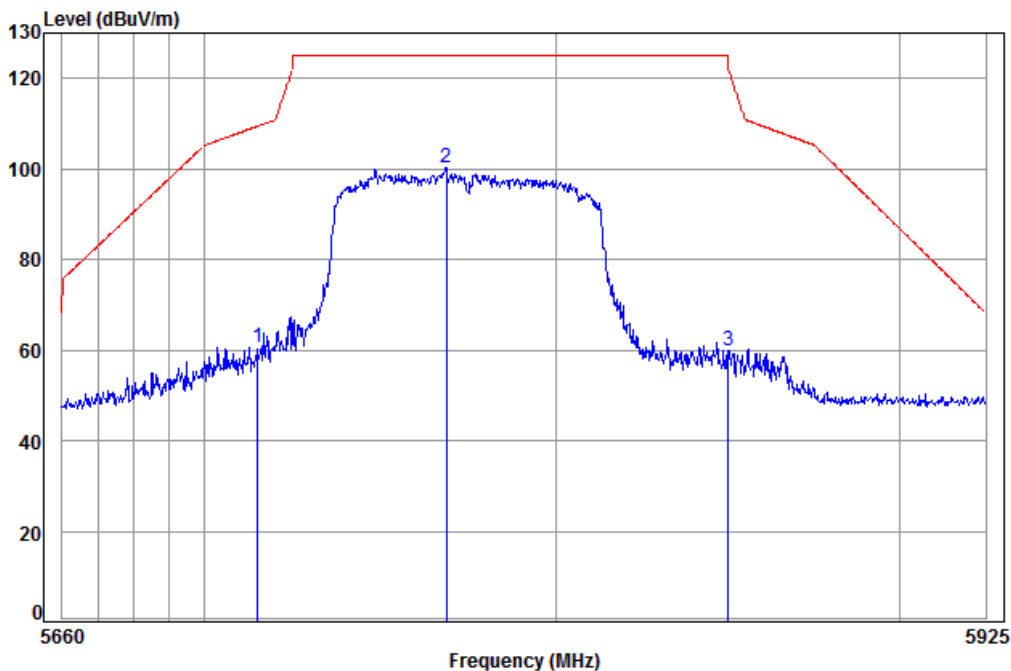


SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM160700630905

Page: 321 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5775	Vertical
------------	----------------	-----------------	------	----------



Condition: 3m Vertical

Job No: : 6309RG

Mode: : 5775 Band edge

: AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	8.47	34.53	39.03	56.54	60.51	109.40	-48.89 Peak
2	5768.769	8.52	34.56	39.02	96.11	100.17	125.20	-25.03 Peak
3	5850.000	8.60	34.61	39.01	55.74	59.94	122.20	-62.26 Peak

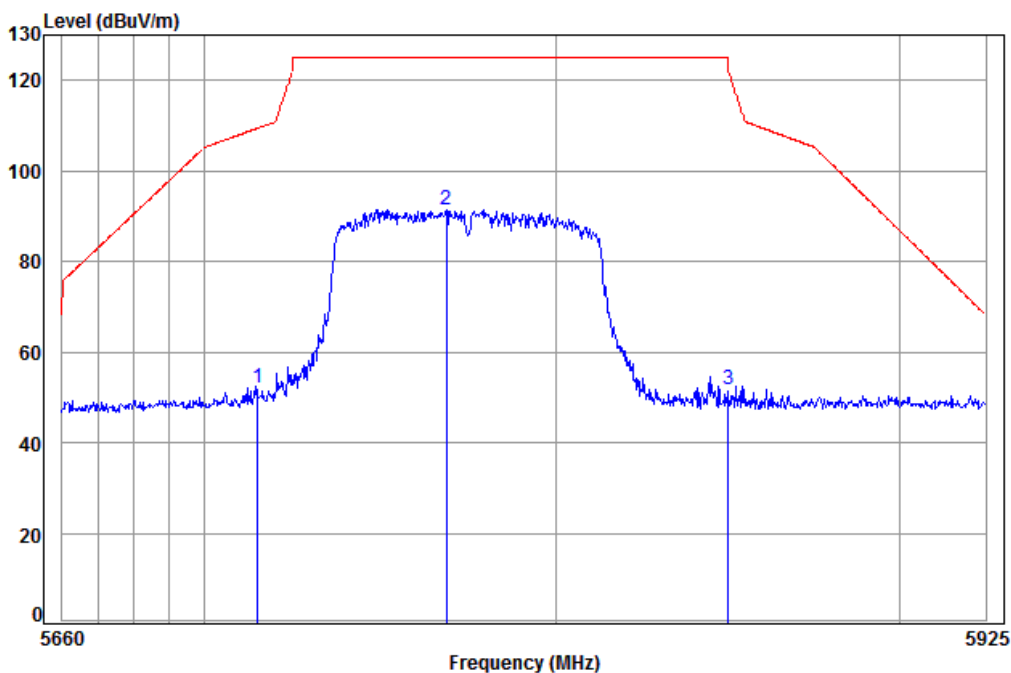


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 322 of 345

Test mode:	802.11ac(HT40)	Frequency(MHz):	5775	Horizontal
------------	----------------	-----------------	------	------------



Condition: 3m Horizontal

Job No: : 6309RG

Mode: : 5775 Band edge

: AC80

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	5715.000	8.47	34.53	39.03	48.05	52.02	109.40	-57.38 Peak
2	pp 5768.769	8.52	34.56	39.02	87.49	91.55	125.20	-33.65 Peak
3	5850.000	8.60	34.61	39.01	47.58	51.78	122.20	-70.42 Peak

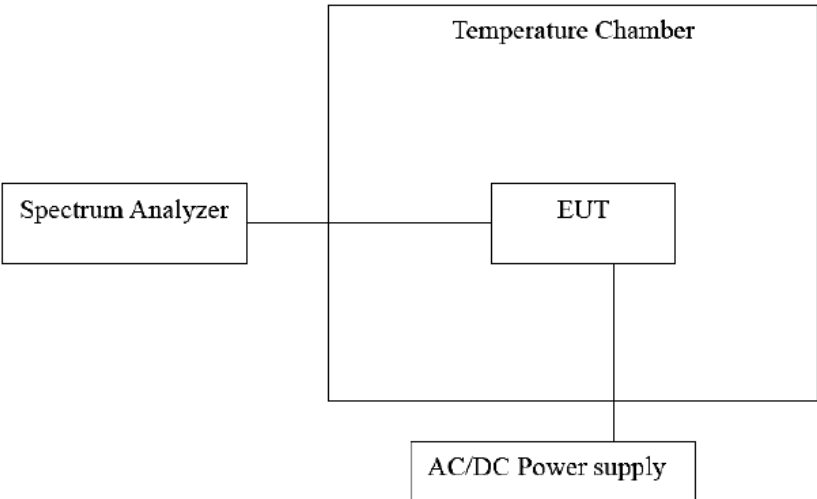
Note:

The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor



6.10 Frequency Stability

Test Requirement:	47 CFR Part 15 Section 15.407(g)
Test Method:	ANSI C63.10: 2013
Test Setup:	 <pre> graph LR SA[Spectrum Analyzer] --- EUT[EUT] subgraph TC [Temperature Chamber] EUT end TC --- P[AC/DC Power supply] </pre>
Limit:	The frequency tolerance shall be maintained within the band of operation frequency over a temperature variation of 0 degrees to 35 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C.
Test Procedure:	- The EUT was placed inside the environmental test chamber and powered by nominal AC/DC voltage. - Turn the EUT on and couple its output to a spectrum analyzer. - Turn the EUT off and set the chamber to the highest temperature specified. - Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize. - Repeat step 2 and 3 with the temperature chamber set to the lowest temperature. - The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCSO of rate is the worst case of 802.11n(HT20); MCSO of rate is the worst case of 802.11n(HT40); MCSO of rate is the worst case of 802.11ac(HT20); MCSO of rate is the worst case of 802.11ac(HT40); MCSO of rate is the worst case of 802.11ac(HT80) Only the worst case is recorded in the report.



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 324 of 345

Test plot as follows:

Test mode:		802.11a	Frequency(MHz):	5180
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5182.3593		Pass
25		5182.3600		Pass
15		5182.3605		Pass
5		5182.3600		Pass
0		5182.3591		Pass
20	102	5182.3594		Pass
	120	5182.3600		Pass
	138	5182.3606		Pass

Test mode:		802.11a	Frequency(MHz):	5200
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5202.4795		Pass
25		5202.4800		Pass
15		5202.4807		Pass
5		5202.4806		Pass
0		5202.4796		Pass
20	102	5202.4797		Pass
	120	5202.4800		Pass
	138	5202.4805		Pass

Test mode:		802.11a	Frequency(MHz):	5240
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5242.4595		Pass
25		5242.4600		Pass
15		5242.4609		Pass
5		5242.4608		Pass
0		5242.4604		Pass
20	102	5242.4597		Pass
	120	5242.4600		Pass
	138	5242.4609		Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 325 of 345

Test mode:		802.11a	Frequency(MHz):	5260
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5262.4593		Pass
25		5262.4600		Pass
15		5262.4605		Pass
5		5262.4598		Pass
0		5262.4592		Pass
20	102	5262.4595		Pass
	120	5262.4600		Pass
	138	5262.4602		Pass

Test mode:		802.11a	Frequency(MHz):	5300
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5302.6390		Pass
25		5302.6400		Pass
15		5302.6409		Pass
5		5302.6399		Pass
0		5302.6397		Pass
20	102	5302.6391		Pass
	120	5302.6400		Pass
	138	5302.6402		Pass

Test mode:		802.11a	Frequency(MHz):	5320
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5322.5391		Pass
25		5322.5400		Pass
15		5322.5408		Pass
5		5322.5405		Pass
0		5322.5402		Pass
20	102	5322.5395		Pass
	120	5322.5400		Pass
	138	5322.5402		Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 326 of 345

Test mode:		802.11a	Frequency(MHz):	5500
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5506.8095		Pass
25		5506.8100		Pass
15		5506.8102		Pass
5		5506.8100		Pass
0		5506.8095		Pass
20	102	5506.8097		Pass
	120	5506.8100		Pass
	138	5506.8108		Pass

Test mode:		802.11a	Frequency(MHz):	5600
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5606.8597		Pass
25		5606.8600		Pass
15		5606.8604		Pass
5		5606.8594		Pass
0		5606.8590		Pass
20	102	5606.8594		Pass
	120	5606.8600		Pass
	138	5606.8602		Pass

Test mode:		802.11a	Frequency(MHz):	5700
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5706.8793		Pass
25		5706.8800		Pass
15		5706.8805		Pass
5		5706.8797		Pass
0		5706.8794		Pass
20	102	5706.8799		Pass
	120	5706.8800		Pass
	138	5706.8810		Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 327 of 345

Test mode:		802.11a	Frequency(MHz):	5745
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5751.1195		Pass
25		5751.1200		Pass
15		5751.1206		Pass
5		5751.1198		Pass
0		5751.1197		Pass
20	102	5751.1195		Pass
	120	5751.1200		Pass
	138	5751.1203		Pass

Test mode:		802.11a	Frequency(MHz):	5785
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5791.8312		Pass
25		5791.8320		Pass
15		5791.8328		Pass
5		5791.8318		Pass
0		5791.8309		Pass
20	102	5791.8316		Pass
	120	5791.8320		Pass
	138	5791.8323		Pass

Test mode:		802.11a	Frequency(MHz):	5825
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5825.5591		Pass
25		5825.5600		Pass
15		5825.5603		Pass
5		5825.5601		Pass
0		5825.5597		Pass
20	102	5825.5598		Pass
	120	5825.5600		Pass
	138	5825.5602		Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 328 of 345

Test mode:		802.11n(HT20)	Frequency(MHz):	5180
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5174.8592		Pass
25		5174.8600		Pass
15		5174.8607		Pass
5		5174.8603		Pass
0		5174.8602		Pass
20	102	5174.8598		Pass
	120	5174.8600		Pass
	138	5174.8608		Pass

Test mode:		802.11n(HT20)	Frequency(MHz):	5200
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5194.4496		Pass
25		5194.4500		Pass
15		5194.4508		Pass
5		5194.4506		Pass
0		5194.4505		Pass
20	102	5194.4494		Pass
	120	5194.4500		Pass
	138	5194.4503		Pass

Test mode:		802.11n(HT20)	Frequency(MHz):	5240
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5234.2893		Pass
25		5234.2900		Pass
15		5234.2908		Pass
5		5234.2899		Pass
0		5234.2898		Pass
20	102	5234.2890		Pass
	120	5234.2900		Pass
	138	5234.2903		Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 329 of 345

Test mode:		802.11n(HT20)	Frequency(MHz):	5260
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5253.4291		Pass
25		5253.4300		Pass
15		5253.4308		Pass
5		5253.4300		Pass
0		5253.4298		Pass
20	102	5253.4296		Pass
	120	5253.4300		Pass
	138	5253.4308		Pass

Test mode:		802.11n(HT20)	Frequency(MHz):	5300
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5293.6991		Pass
25		5293.7000		Pass
15		5293.7009		Pass
5		5293.7002		Pass
0		5293.6999		Pass
20	102	5293.6995		Pass
	120	5293.7000		Pass
	138	5293.7008		Pass

Test mode:		802.11n(HT20)	Frequency(MHz):	5320
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5313.8192		Pass
25		5313.8200		Pass
15		5313.8205		Pass
5		5313.8199		Pass
0		5313.8198		Pass
20	102	5313.8194		Pass
	120	5313.8200		Pass
	138	5313.8204		Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 330 of 345

Test mode:		802.11n(HT20)	Frequency(MHz):	5500
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5497.1094		Pass
25		5497.1100		Pass
15		5497.1103		Pass
5		5497.1096		Pass
0		5497.1093		Pass
20	102	5497.1095		Pass
	120	5497.1100		Pass
	138	5497.1110		Pass

Test mode:		802.11n(HT20)	Frequency(MHz):	5600
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5596.2096		Pass
25		5596.2100		Pass
15		5596.2110		Pass
5		5596.2106		Pass
0		5596.2104		Pass
20	102	5596.2091		Pass
	120	5596.2100		Pass
	138	5596.2103		Pass

Test mode:		802.11n(HT20)	Frequency(MHz):	5700
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5693.6399		Pass
25		5693.6400		Pass
15		5693.6405		Pass
5		5693.6400		Pass
0		5693.6391		Pass
20	102	5693.6391		Pass
	120	5693.6400		Pass
	138	5693.6408		Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 331 of 345

Test mode:		802.11n(HT20)	Frequency(MHz):	5745
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5744.1896		Pass
25		5744.1900		Pass
15		5744.1902		Pass
5		5744.1893		Pass
0		5744.1887		Pass
20	102	5744.1897		Pass
	120	5744.1900		Pass
	138	5744.1906		Pass

Test mode:		802.11n(HT20)	Frequency(MHz):	5785
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5784.8694		Pass
25		5784.8700		Pass
15		5784.8703		Pass
5		5784.8700		Pass
0		5784.8691		Pass
20	102	5784.8691		Pass
	120	5784.8700		Pass
	138	5784.8707		Pass

Test mode:		802.11n(HT20)	Frequency(MHz):	5825
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5818.6695		Pass
25		5818.6700		Pass
15		5818.6707		Pass
5		5818.6702		Pass
0		5818.6694		Pass
20	102	5818.6697		Pass
	120	5818.6700		Pass
	138	5818.6703		Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 332 of 345

Test mode:		802.11n(HT40)	Frequency(MHz):	5190
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5195.8390		Pass
25		5195.8400		Pass
15		5195.8405		Pass
5		5195.8398		Pass
0		5195.8389		Pass
20	102	5195.8395		Pass
	120	5195.8400		Pass
	138	5195.8405		Pass

Test mode:		802.11n(HT40)	Frequency(MHz):	5230
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5235.7795		Pass
25		5235.7800		Pass
15		5235.7806		Pass
5		5235.7801		Pass
0		5235.7795		Pass
20	102	5235.7798		Pass
	120	5235.7800		Pass
	138	5235.7809		Pass

Test mode:		802.11n(HT40)	Frequency(MHz):	5270
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5254.9396		Pass
25		5254.9400		Pass
15		5254.9406		Pass
5		5254.9402		Pass
0		5254.9397		Pass
20	102	5254.9392		Pass
	120	5254.9400		Pass
	138	5254.9406		Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 333 of 345

Test mode:		802.11n(HT40)	Frequency(MHz):	5310
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5294.8796		Pass
25		5294.8800		Pass
15		5294.8801		Pass
5		5294.8799		Pass
0		5294.8792		Pass
20	102	5294.8797		Pass
	120	5294.8800		Pass
	138	5294.8808		Pass

Test mode:		802.11n(HT40)	Frequency(MHz):	5510
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5494.8791		Pass
25		5494.8800		Pass
15		5494.8808		Pass
5		5494.8799		Pass
0		5494.8795		Pass
20	102	5494.8792		Pass
	120	5494.8800		Pass
	138	5494.8806		Pass

Test mode:		802.11n(HT40)	Frequency(MHz):	5590
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5599.9596		Pass
25		5599.9600		Pass
15		5599.9602		Pass
5		5599.9599		Pass
0		5599.9590		Pass
20	102	5599.9595		Pass
	120	5599.9600		Pass
	138	5599.9609		Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 334 of 345

Test mode:		802.11n(HT40)	Frequency(MHz):	5670
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5679.9595		Pass
25		5679.9600		Pass
15		5679.9604		Pass
5		5679.9602		Pass
0		5679.9599		Pass
20	102	5679.9591		Pass
	120	5679.9600		Pass
	138	5679.9604		Pass

Test mode:		802.11n(HT40)	Frequency(MHz):	5755
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5757.0390		Pass
25		5757.0400		Pass
15		5757.0403		Pass
5		5757.0398		Pass
0		5757.0392		Pass
20	102	5757.0395		Pass
	120	5757.0400		Pass
	138	5757.0406		Pass

Test mode:		802.11n(HT40)	Frequency(MHz):	5795
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5802.2591		Pass
25		5802.2600		Pass
15		5802.2610		Pass
5		5802.2601		Pass
0		5802.2596		Pass
20	102	5802.2595		Pass
	120	5802.2600		Pass
	138	5802.2609		Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 335 of 345

Test mode:		802.11ac(HT20)	Frequency(MHz):	5180
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5174.9599		Pass
25		5174.9600		Pass
15		5174.9607		Pass
5		5174.9598		Pass
0		5174.9595		Pass
20	102	5174.9597		Pass
	120	5174.9600		Pass
	138	5174.9606		Pass

Test mode:		802.11ac(HT20)	Frequency(MHz):	5200
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5194.6598		Pass
25		5194.6600		Pass
15		5194.6610		Pass
5		5194.6607		Pass
0		5194.6598		Pass
20	102	5194.6598		Pass
	120	5194.6600		Pass
	138	5194.6603		Pass

Test mode:		802.11ac(HT20)	Frequency(MHz):	5240
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5234.9294		Pass
25		5234.9300		Pass
15		5234.9304		Pass
5		5234.9298		Pass
0		5234.9294		Pass
20	102	5234.9297		Pass
	120	5234.9300		Pass
	138	5234.9307		Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 336 of 345

Test mode:		802.11ac(HT20)	Frequency(MHz):	5260
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5253.6695		Pass
25		5253.6700		Pass
15		5253.6709		Pass
5		5253.6708		Pass
0		5253.6699		Pass
20	102	5253.6695		Pass
	120	5253.6700		Pass
	138	5253.6706		Pass

Test mode:		802.11ac(HT20)	Frequency(MHz):	5300
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5293.6998		Pass
25		5293.7000		Pass
15		5293.7006		Pass
5		5293.7003		Pass
0		5293.6995		Pass
20	102	5293.6997		Pass
	120	5293.7000		Pass
	138	5293.7004		Pass

Test mode:		802.11ac(HT20)	Frequency(MHz):	5320
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5313.6993		Pass
25		5313.7000		Pass
15		5313.7008		Pass
5		5313.7006		Pass
0		5313.6996		Pass
20	102	5313.6996		Pass
	120	5313.7000		Pass
	138	5313.7010		Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 337 of 345

Test mode:		802.11ac(HT20)	Frequency(MHz):	5500
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5493.6992		Pass
25		5493.7000		Pass
15		5493.7008		Pass
5		5493.7003		Pass
0		5493.6995		Pass
20	102	5493.6998		Pass
	120	5493.7000		Pass
	138	5493.7005		Pass

Test mode:		802.11ac(HT20)	Frequency(MHz):	5600
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5593.6991		Pass
25		5593.7000		Pass
15		5593.7009		Pass
5		5593.7005		Pass
0		5593.6996		Pass
20	102	5593.6991		Pass
	120	5593.7000		Pass
	138	5593.7005		Pass

Test mode:		802.11ac(HT20)	Frequency(MHz):	5700
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5693.6997		Pass
25		5693.7000		Pass
15		5693.7005		Pass
5		5693.6996		Pass
0		5693.6993		Pass
20	102	5693.6994		Pass
	120	5693.7000		Pass
	138	5693.7006		Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 338 of 345

Test mode:		802.11ac(HT20)	Frequency(MHz):	5745
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5744.1899		Pass
25		5744.1900		Pass
15		5744.1904		Pass
5		5744.1901		Pass
0		5744.1899		Pass
20	102	5744.1898		Pass
	120	5744.1900		Pass
	138	5744.1902		Pass

Test mode:		802.11ac(HT20)	Frequency(MHz):	5785
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5784.2196		Pass
25		5784.2200		Pass
15		5784.2202		Pass
5		5784.2199		Pass
0		5784.2195		Pass
20	102	5784.2198		Pass
	120	5784.2200		Pass
	138	5784.2210		Pass

Test mode:		802.11ac(HT20)	Frequency(MHz):	5825
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5818.6995		Pass
25		5818.7000		Pass
15		5818.7009		Pass
5		5818.7003		Pass
0		5818.7000		Pass
20	102	5818.6992		Pass
	120	5818.7000		Pass
	138	5818.7009		Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 339 of 345

Test mode:		802.11ac(HT40)	Frequency(MHz):	5190
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5195.8193		Pass
25		5195.8200		Pass
15		5195.8203		Pass
5		5195.8200		Pass
0		5195.8190		Pass
20	102	5195.8192		Pass
	120	5195.8200		Pass
	138	5195.8210		Pass

Test mode:		802.11ac(HT40)	Frequency(MHz):	5230
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5235.8192		Pass
25		5235.8200		Pass
15		5235.8203		Pass
5		5235.8202		Pass
0		5235.8197		Pass
20	102	5235.8194		Pass
	120	5235.8200		Pass
	138	5235.8202		Pass

Test mode:		802.11ac(HT40)	Frequency(MHz):	5270
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5279.9598		Pass
25		5279.9600		Pass
15		5279.9608		Pass
5		5279.9602		Pass
0		5279.9600		Pass
20	102	5279.9596		Pass
	120	5279.9600		Pass
	138	5279.9602		Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 340 of 345

Test mode:		802.11ac(HT40)	Frequency(MHz):	5310
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5294.8796		Pass
25		5294.8800		Pass
15		5294.8805		Pass
5		5294.8801		Pass
0		5294.8794		Pass
20	102	5294.8798		Pass
	120	5294.8800		Pass
	138	5294.8806		Pass

Test mode:		802.11ac(HT40)	Frequency(MHz):	5510
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5523.7397		Pass
25		5523.7400		Pass
15		5523.7402		Pass
5		5523.7395		Pass
0		5523.7386		Pass
20	102	5523.7392		Pass
	120	5523.7400		Pass
	138	5523.7410		Pass

Test mode:		802.11ac(HT40)	Frequency(MHz):	5590
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5603.7391		Pass
25		5603.7400		Pass
15		5603.7410		Pass
5		5603.7406		Pass
0		5603.7396		Pass
20	102	5603.7392		Pass
	120	5603.7400		Pass
	138	5603.7404		Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 341 of 345

Test mode:		802.11ac(HT40)	Frequency(MHz):	5670
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5683.7392		Pass
25		5683.7400		Pass
15		5683.7409		Pass
5		5683.7401		Pass
0		5683.7399		Pass
20	102	5683.7392		Pass
	120	5683.7400		Pass
	138	5683.7403		Pass

Test mode:		802.11ac(HT40)	Frequency(MHz):	5755
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5757.0392		Pass
25		5757.0400		Pass
15		5757.0405		Pass
5		5757.0403		Pass
0		5757.0396		Pass
20	102	5757.0398		Pass
	120	5757.0400		Pass
	138	5757.0407		Pass

Test mode:		802.11ac(HT40)	Frequency(MHz):	5795
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5797.0996		Pass
25		5797.1000		Pass
15		5797.1009		Pass
5		5797.1007		Pass
0		5797.1000		Pass
20	102	5797.0993		Pass
	120	5797.1000		Pass
	138	5797.1006		Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 342 of 345

Test mode:		802.11ac(HT80)	Frequency(MHz):	5210
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5175.5592		Pass
25		5175.5600		Pass
15		5175.5602		Pass
5		5175.5595		Pass
0		5175.5586		Pass
20	102	5175.5593		Pass
	120	5175.5600		Pass
	138	5175.5604		Pass

Test mode:		802.11ac(HT80)	Frequency(MHz):	5290
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5254.5994		Pass
25		5254.6000		Pass
15		5254.6004		Pass
5		5254.6000		Pass
0		5254.5992		Pass
20	102	5254.5995		Pass
	120	5254.6000		Pass
	138	5254.6001		Pass

Test mode:		802.11ac(HT80)	Frequency(MHz):	5530
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5494.7197		Pass
25		5494.7200		Pass
15		5494.7209		Pass
5		5494.7205		Pass
0		5494.7202		Pass
20	102	5494.7191		Pass
	120	5494.7200		Pass
	138	5494.7206		Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM160700630905

Page: 343 of 345

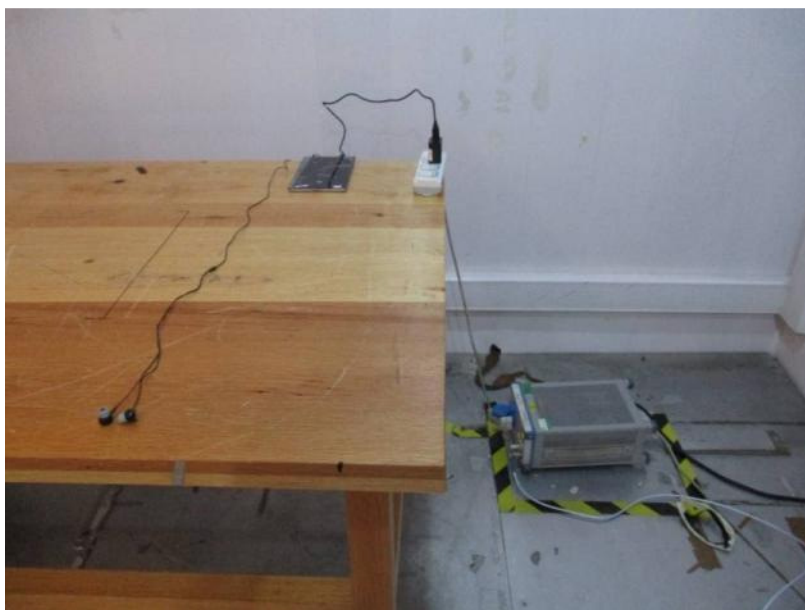
Test mode:		802.11ac(HT80)	Frequency(MHz):	5610
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5474.7196		Pass
25		5474.7200		Pass
15		5474.7210		Pass
5		5474.7206		Pass
0		5474.7201		Pass
20	102	5474.7194		Pass
	120	5474.7200		Pass
	138	5474.7204		Pass

Test mode:		802.11ac(HT80)	Frequency(MHz):	5775
Temperature (°C)	Voltage(VAC)	Measurement Frequency(MHz)		Result
35	120	5760.2398		Pass
25		5760.2400		Pass
15		5760.2407		Pass
5		5760.2405		Pass
0		5760.2401		Pass
20	102	5760.2397		Pass
	120	5760.2400		Pass
	138	5760.2408		Pass

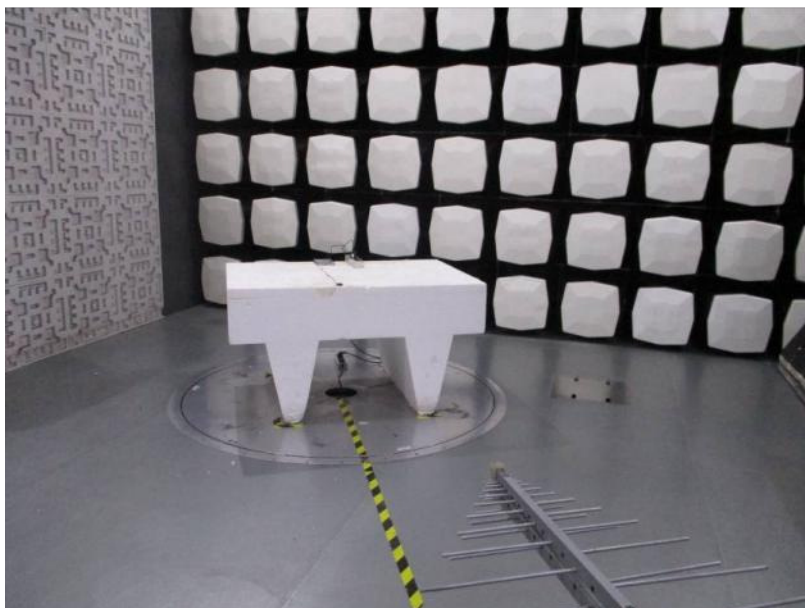
7 Photographs - EUT Test Setup

Test model No.: Lenovo TB-8703F

7.1 Conducted Emission

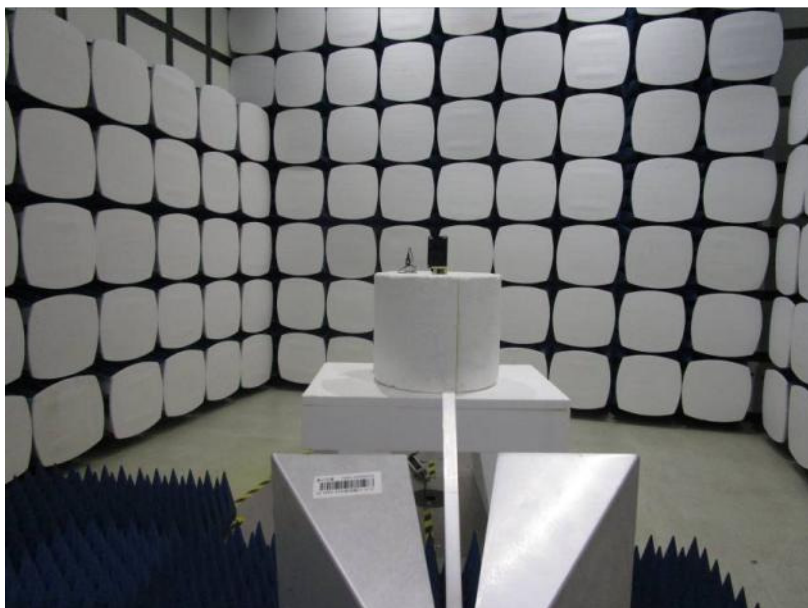


7.2 Radiated Emission





7.3 Radiated Spurious Emission



8 Photographs - EUT Constructional Details

Refer to Appendix A - Photographs of EUT Constructional Details for SZEM1607006309RG.