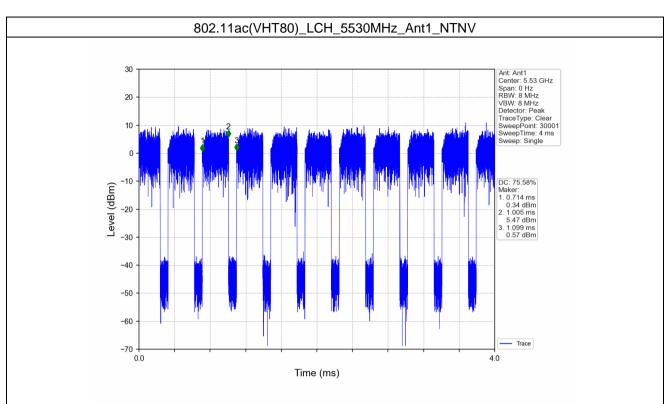


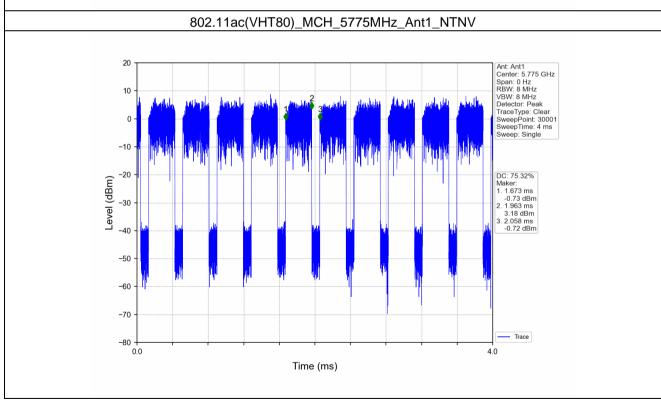
EMC-TRF-01

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

Report No.: GZCR210802081404

Page: 293 of 409









SGS-CSTC Standards Technical Services Co., Ltd. **Guangzhou Branch**

Report No.: GZCR210802081404

Page: 294 of 409

2. Bandwidth

2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
		5180	1	17.79	/	Pass
		5200	1	17.84	/	Pass
		5240	1	17.82	/	Pass
		5260	1	17.86	/	Pass
	SISO	5300	1	17.87	/	Pass
802.11a		5320	1	17.86	/	Pass
002.11a	3130	5500	1	17.83	/	Pass
		5580	1	17.84	/	Pass
		5700	1	17.74	/	Pass
		5745	1	17.89	/	Pass
		5785	1	17.88	/	Pass
		5825	1	17.92	/	Pass
		5180	1	18.30	/	Pass
	SISO	5200	1	18.33	/	Pass
		5240	1	18.29	/	Pass
		5260	1	18.30	/	Pass
		5300	1	18.33	/	Pass
802.11n		5320	1	18.39	/	Pass
(HT20)		5500	1	18.31	/	Pass
		5580	1	18.30	/	Pass
		5700	1	18.30	/	Pass
		5745	1	18.36	/	Pass
		5785	1	18.32	/	Pass
		5825	1	18.40	/	Pass
	SISO	5190	1	37.13	/	Pass
		5230	1	37.03	/	Pass
		5270	1	37.07	/	Pass
000.44		5310	1	37.12	/	Pass
802.11n (HT40)		5510	1	37.04	/	Pass
(11140)		5550	1	37.04	/	Pass
		5670	1	37.07	/	Pass
		5755	1	37.16	/	Pass
		5795	1	37.16	/	Pass



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EMC-TRF-01

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

Report No.: GZCR210802081404

Page: 295 of 409

		5180	1	18.30	/	Pass
		5200	1	18.33	/	Pass
		5240	1	18.34	/	Pass
		5260	1	18.37	/	Pass
		5300	1	18.36	/	Pass
802.11ac	CICO	5320	1	18.39	/	Pass
(VHT20)	SISO	5500	1	18.36	/	Pass
		5580	1	18.38	/	Pass
		5700	1	18.33	/	Pass
		5745	1	18.31	/	Pass
	-	5785	1	18.43	/	Pass
		5825	1	18.35	/	Pass
		5190	1	37.12	/	Pass
	SISO	5230	1	37.05	/	Pass
		5270	1	37.02	/	Pass
000.44		5310	1	37.08	/	Pass
802.11ac (VHT40)		5510	1	37.11	/	Pass
((((((((((((((((((((5550	1	37.09	/	Pass
		5670	1	37.14	/	Pass
		5755	1	37.09	/	Pass
		5795	1	37.18	/	Pass
	SISO	5210	1	76.36	/	Pass
802.11ac		5290	1	76.40	/	Pass
(VHT80)		5530	1	76.35	/	Pass
		5775	1	76.47	1	Pass



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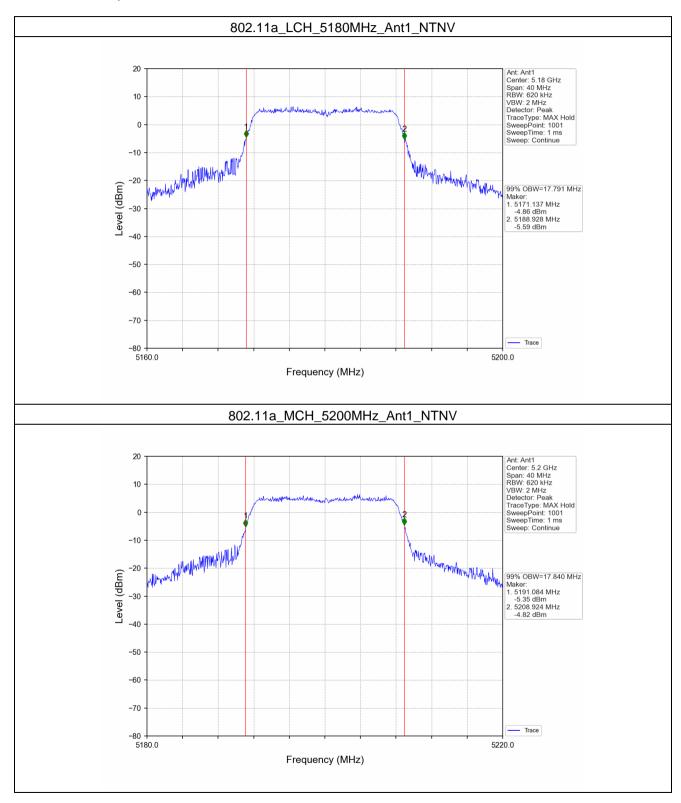
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Report No.: GZCR210802081404

Page: 296 of 409

2.1.2 Test Graph

FMC-TRF-01





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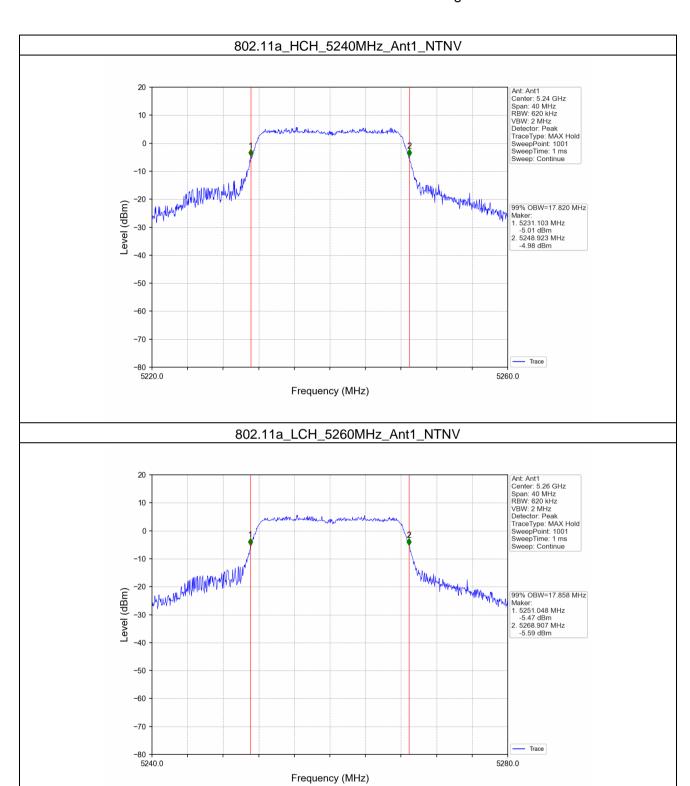


EMC-TRF-01

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

Report No.: GZCR210802081404

Page: 297 of 409





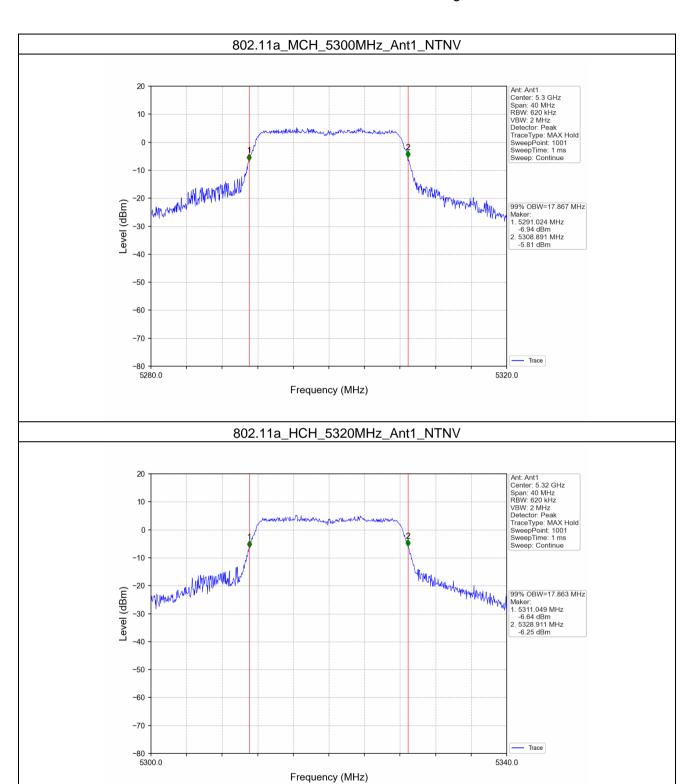


EMC-TRF-01

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

Report No.: GZCR210802081404

Page: 298 of 409



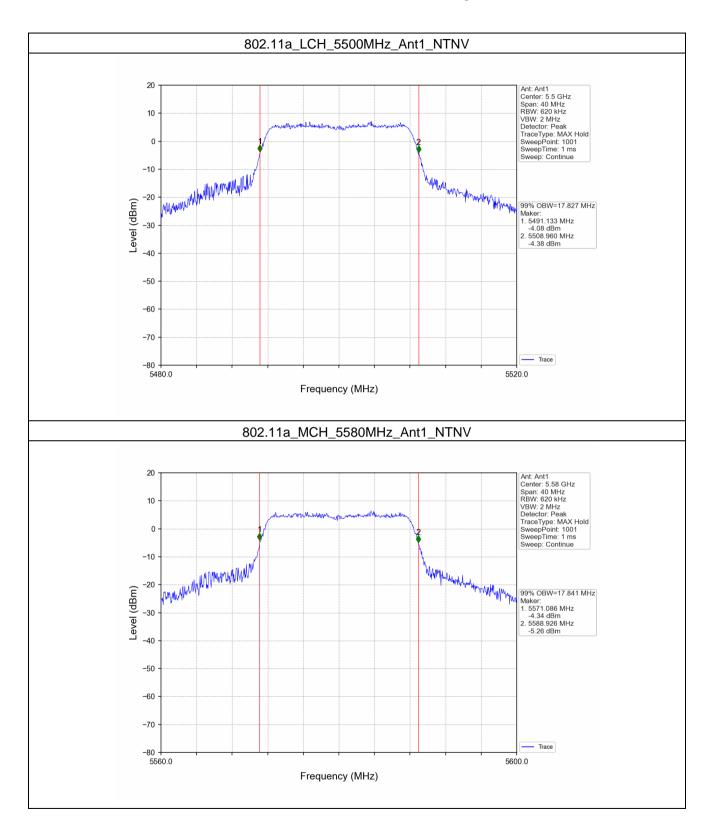




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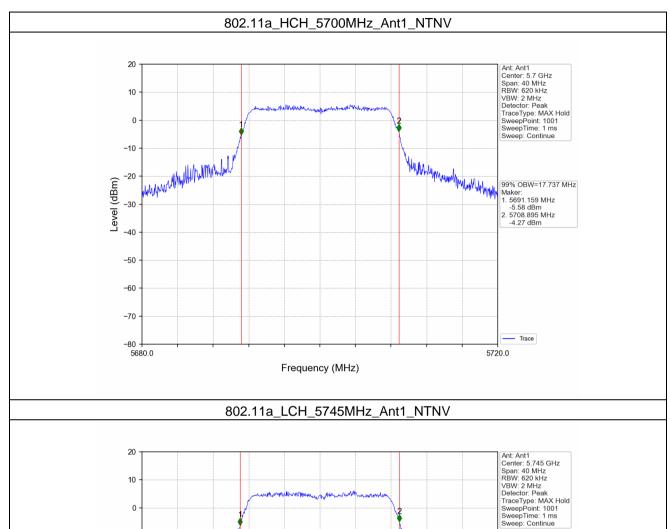


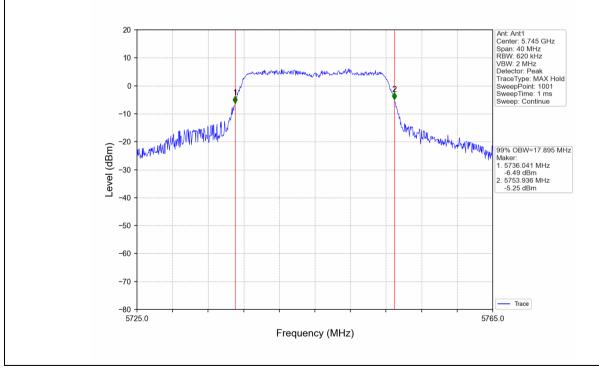
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SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Report No.: GZCR210802081404

Page: 300 of 409







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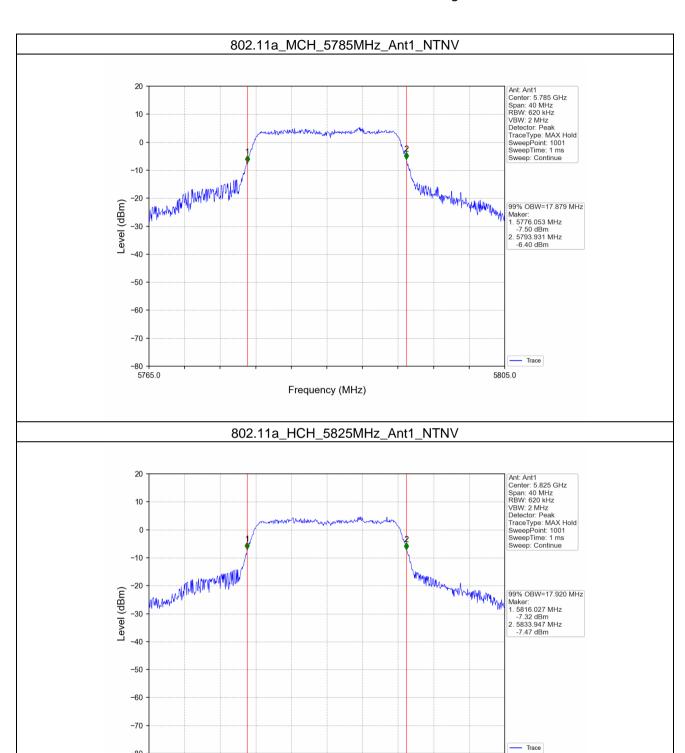


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Report No.: GZCR210802081404

Page: 301 of 409





5805.0

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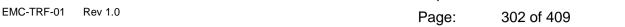
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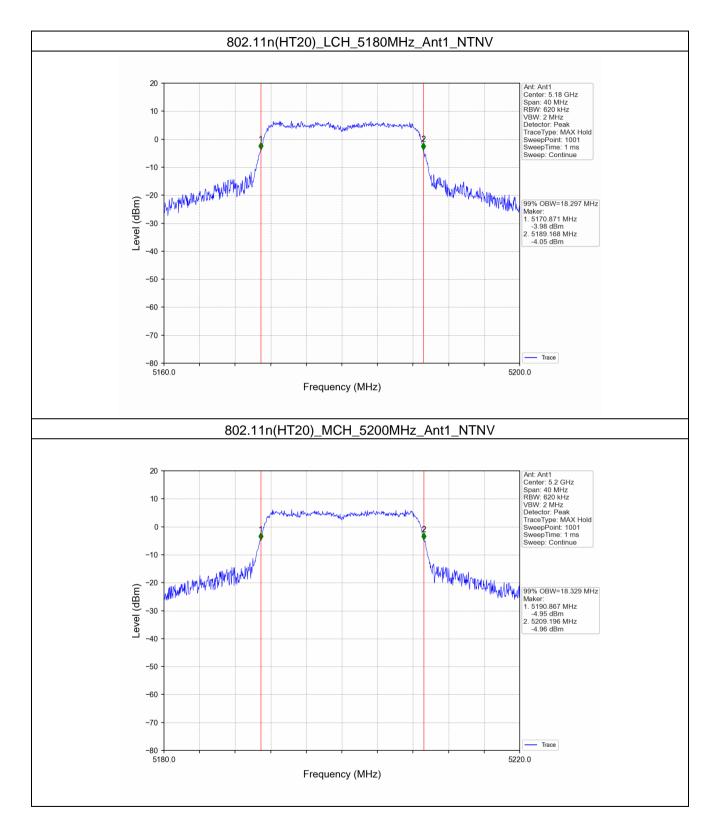
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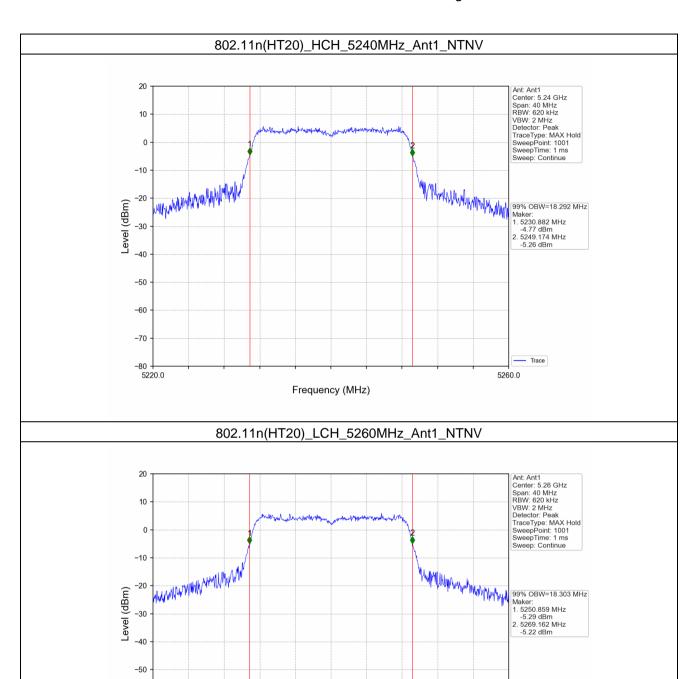


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Report No.: GZCR210802081404

Page: 303 of 409





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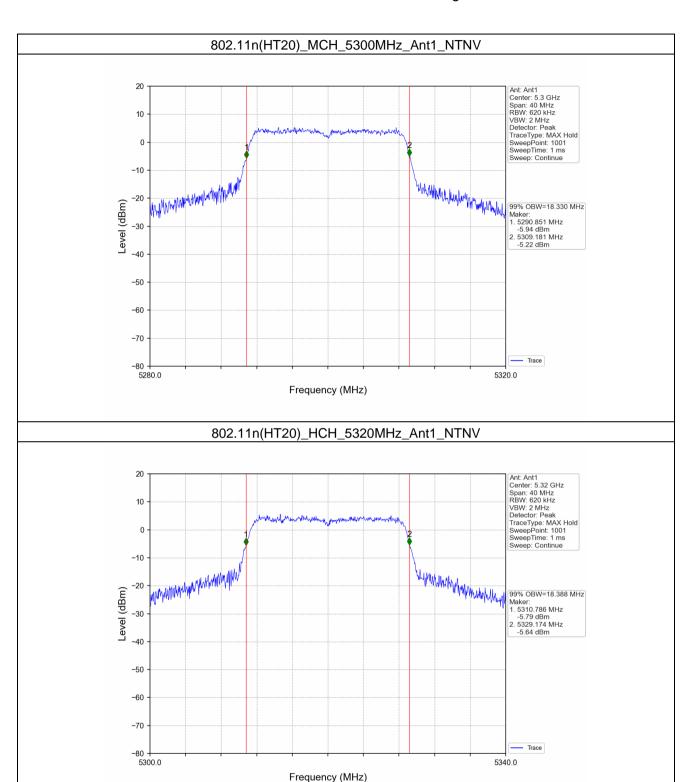


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Page: 304 of 409





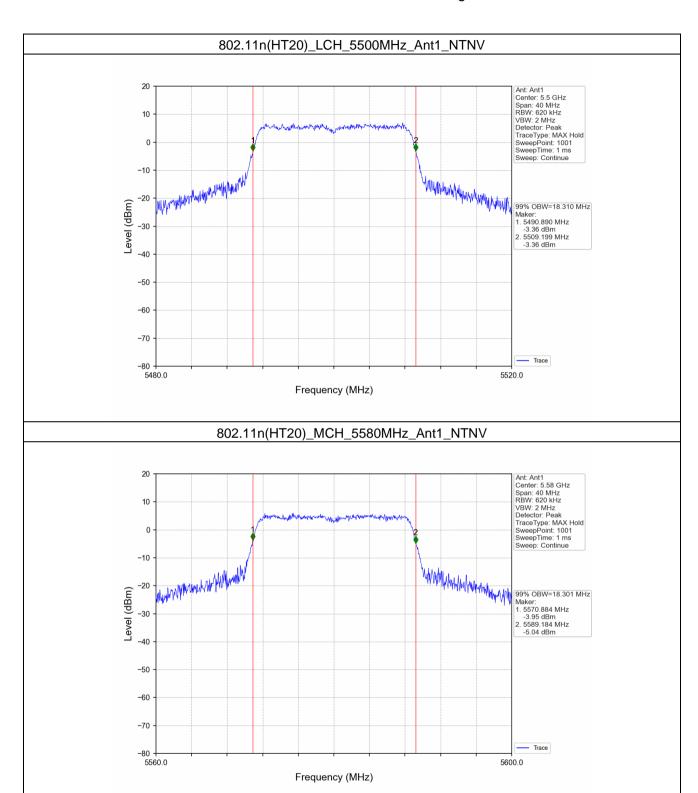


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SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Report No.: GZCR210802081404

Page: 305 of 409





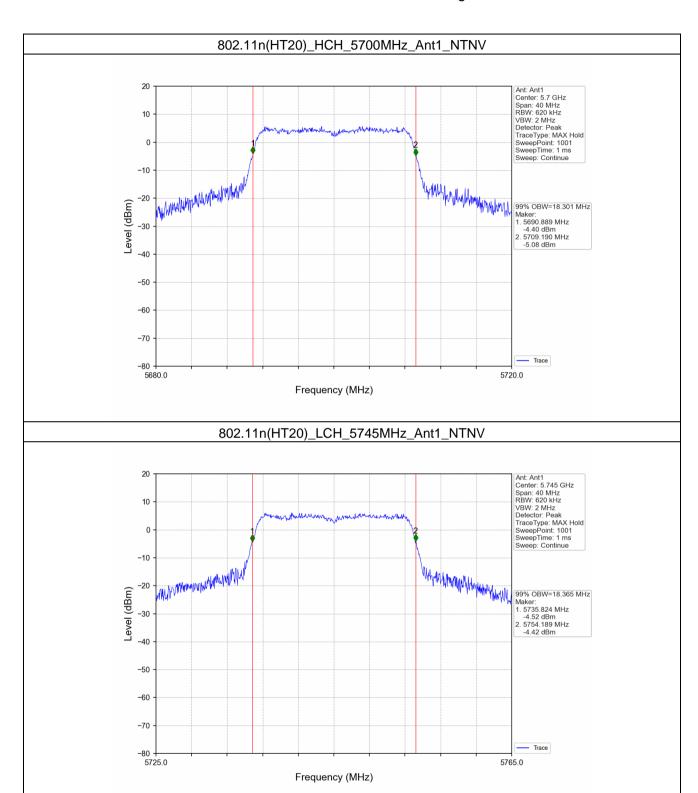


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Page: 306 of 409





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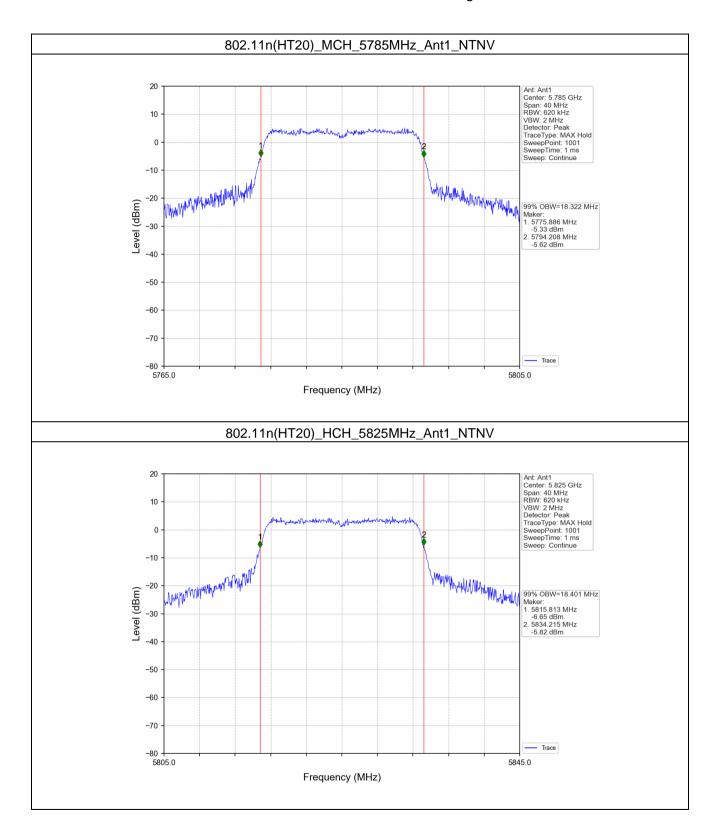
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EMC-TRF-01 Rev 1.0 Page: 307 of 409





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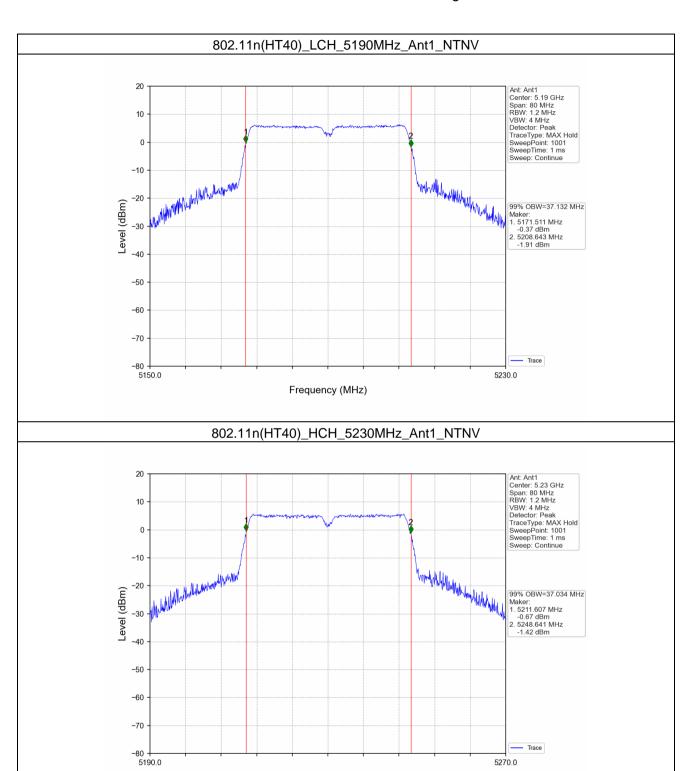


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Page: 308 of 409





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Frequency (MHz)

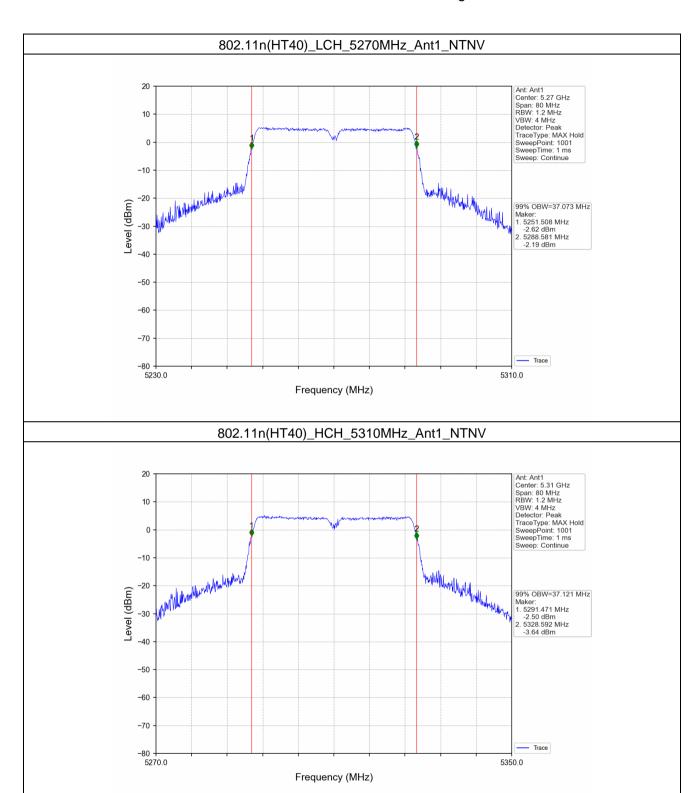


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Report No.: GZCR210802081404

Page: 309 of 409





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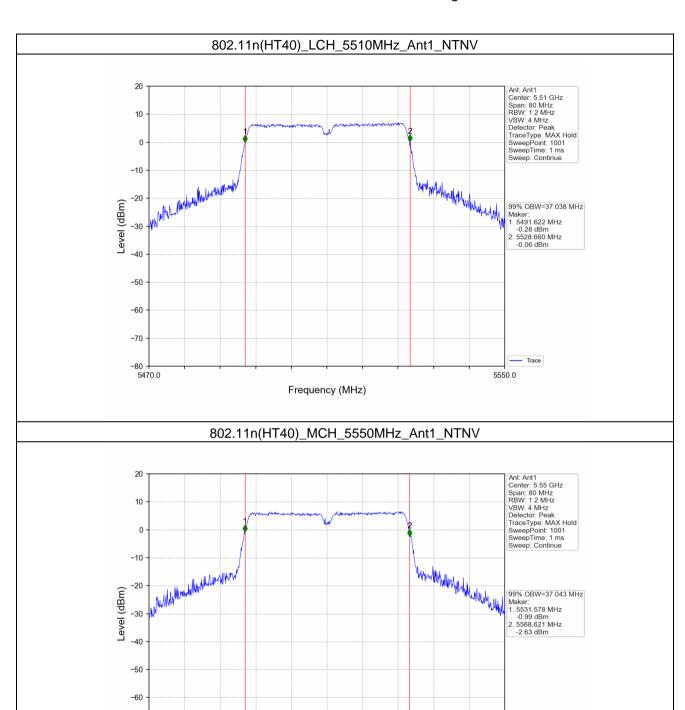


EMC-TRF-01

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Page: 310 of 409





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Frequency (MHz)

Trace

5590.0

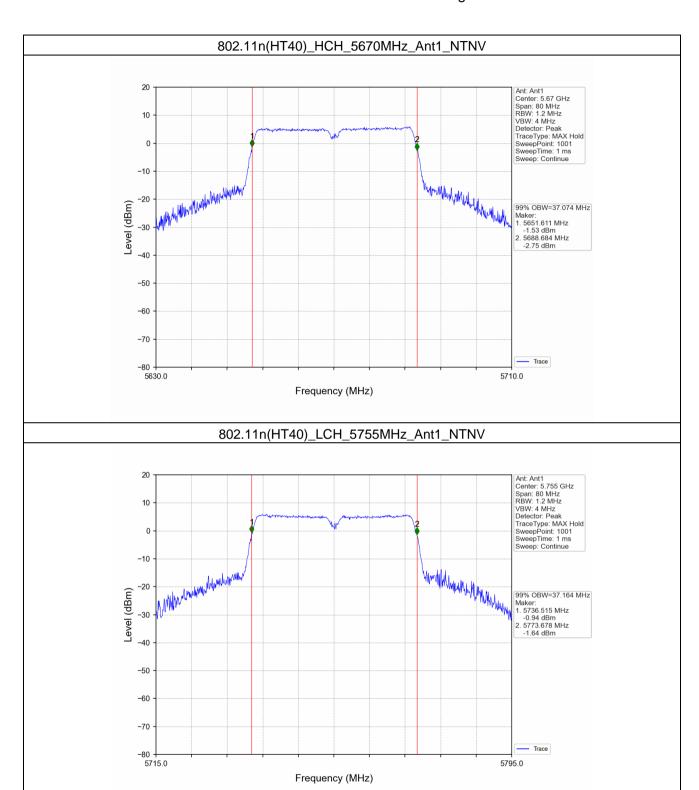


EMC-TRF-01

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

Report No.: GZCR210802081404

Page: 311 of 409





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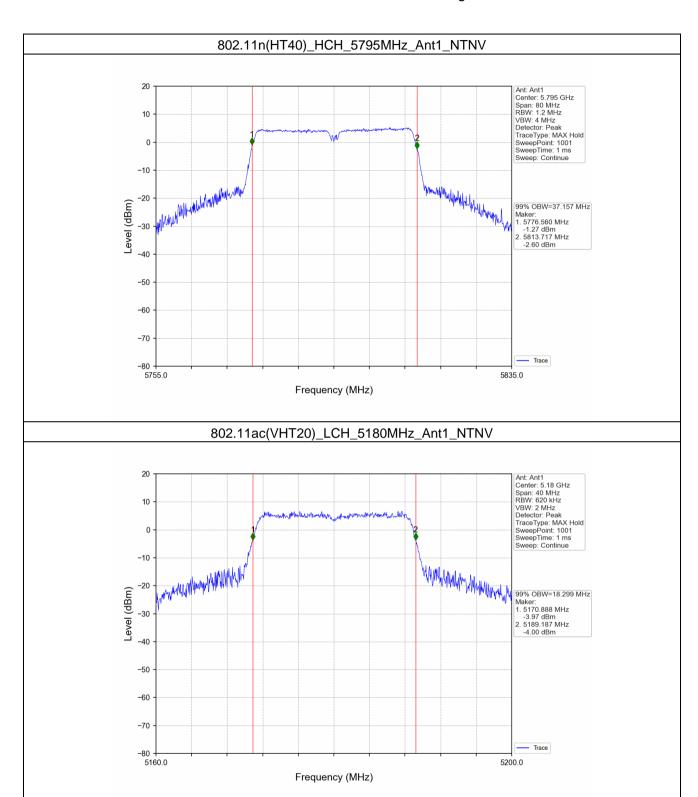


EMC-TRF-01

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

Report No.: GZCR210802081404

Page: 312 of 409





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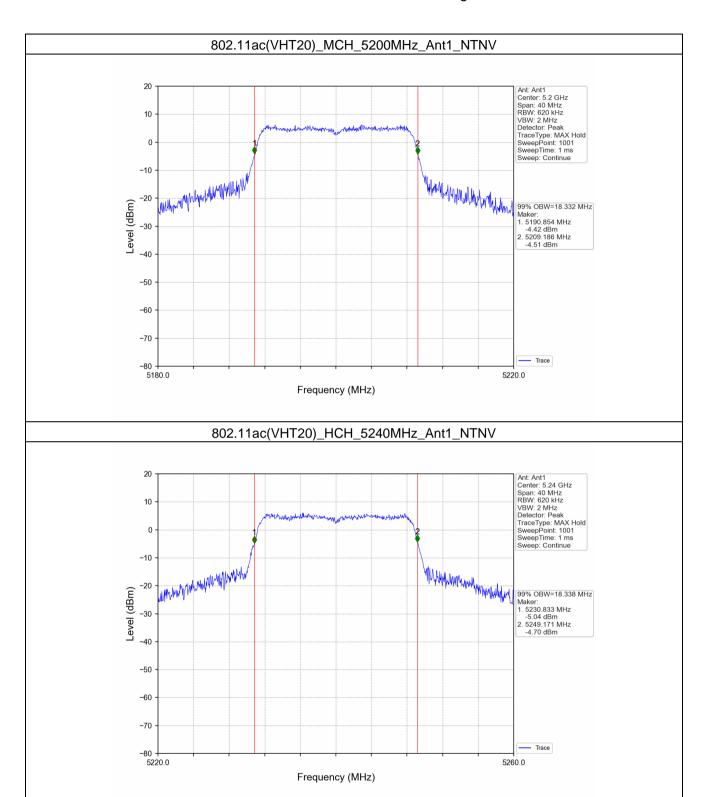


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SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Report No.: GZCR210802081404

Page: 313 of 409





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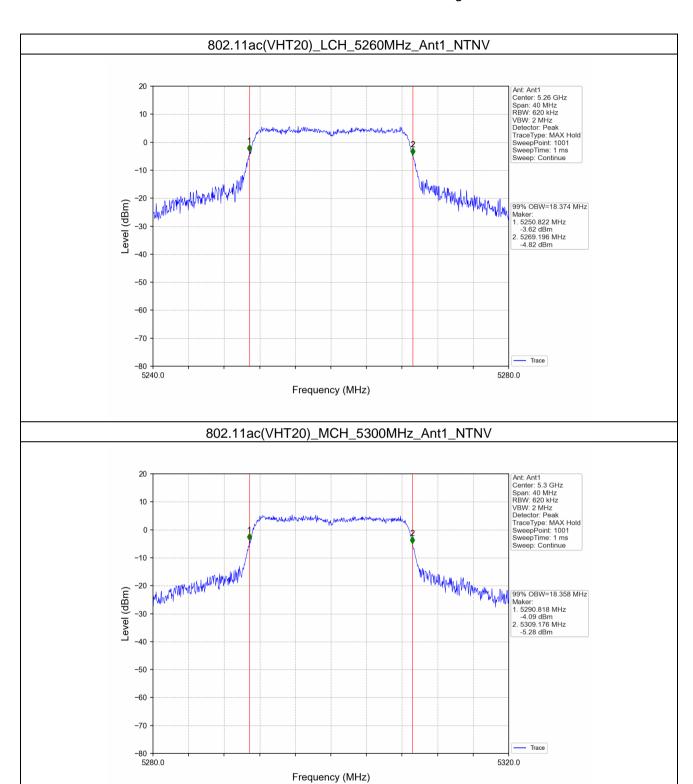


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SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Report No.: GZCR210802081404

Page: 314 of 409





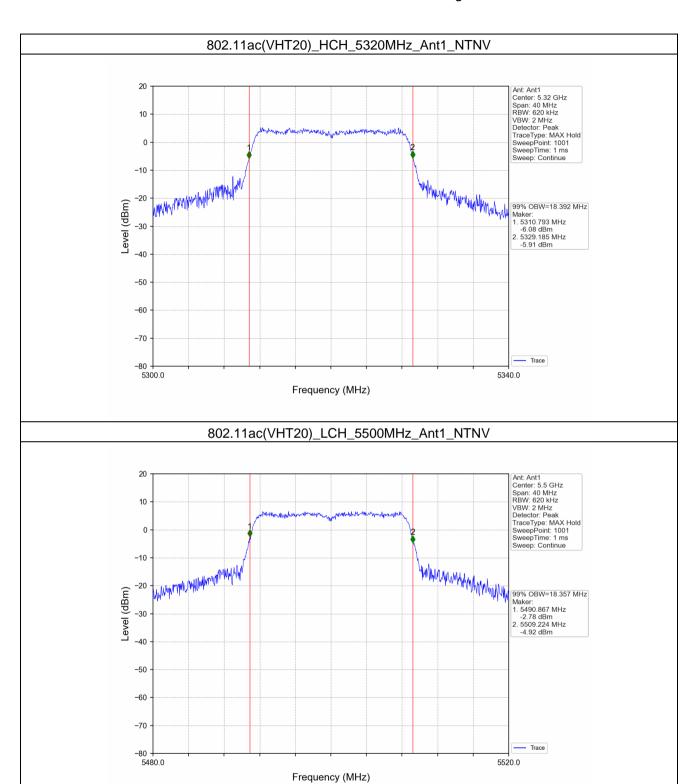


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SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Report No.: GZCR210802081404

Page: 315 of 409





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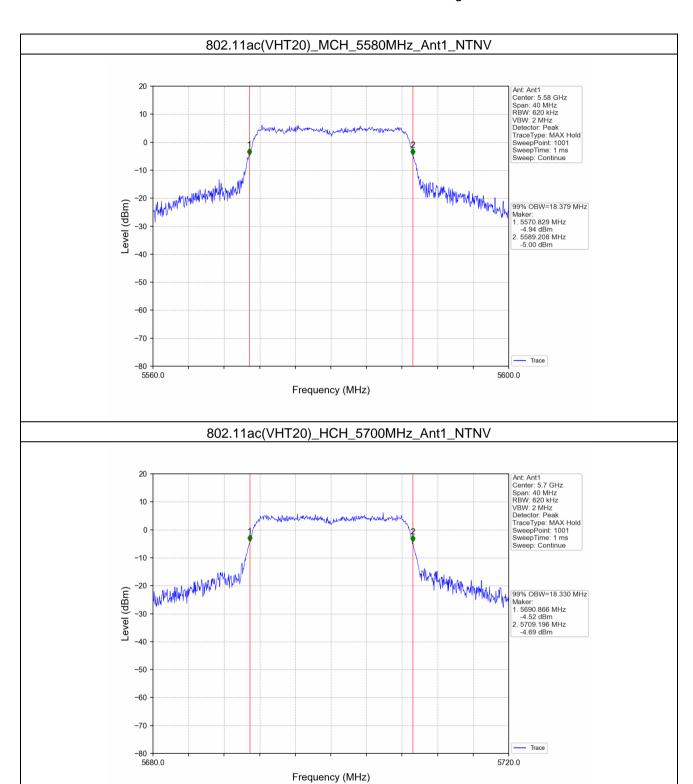


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SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Report No.: GZCR210802081404

Page: 316 of 409





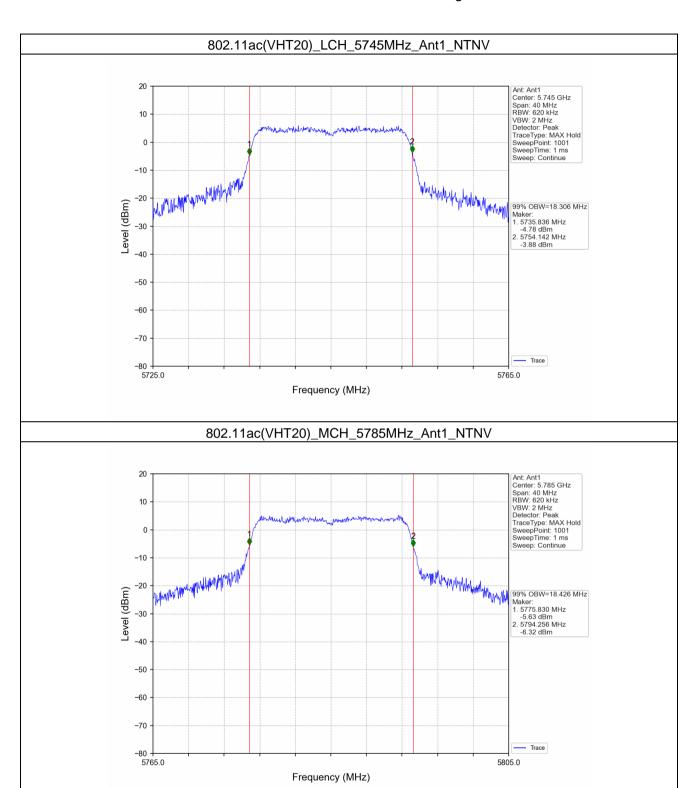


EMC-TRF-01

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Report No.: GZCR210802081404

Page: 317 of 409





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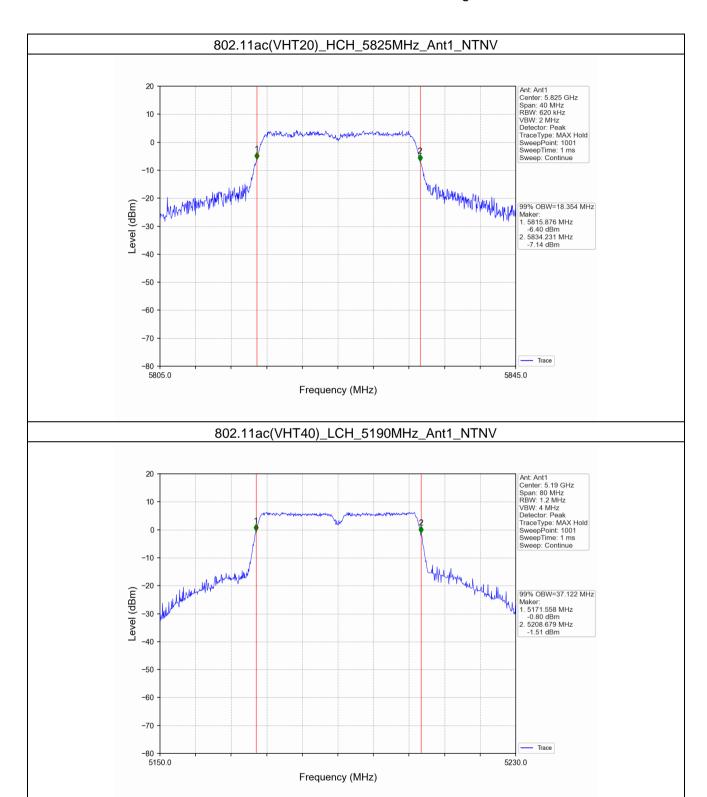


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SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Report No.: GZCR210802081404

Page: 318 of 409





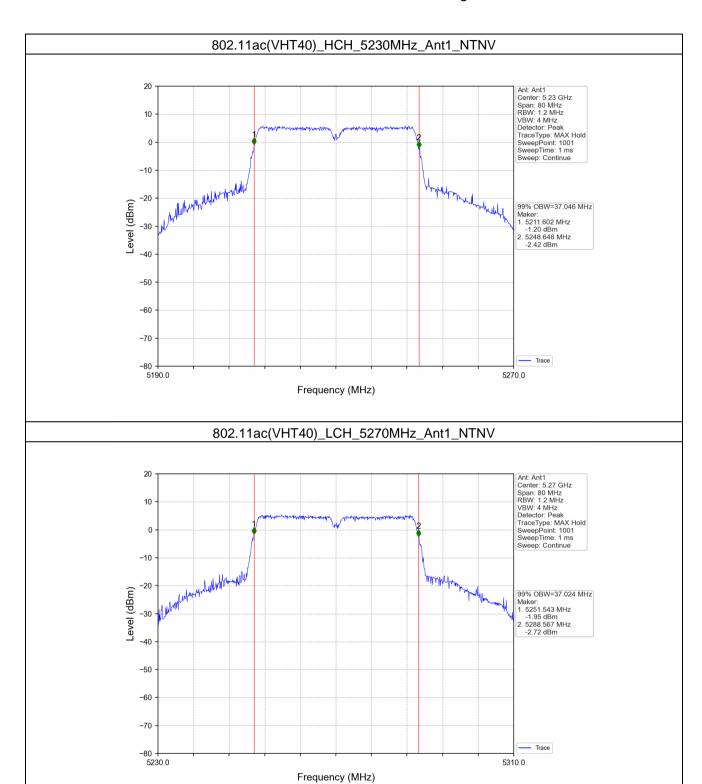


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Report No.: GZCR210802081404

Page: 319 of 409





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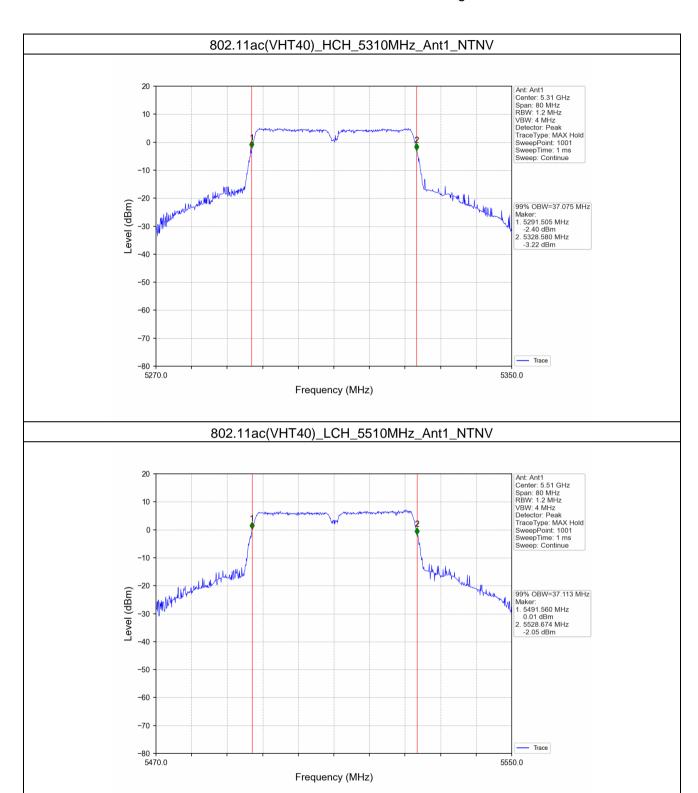


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Page: 320 of 409





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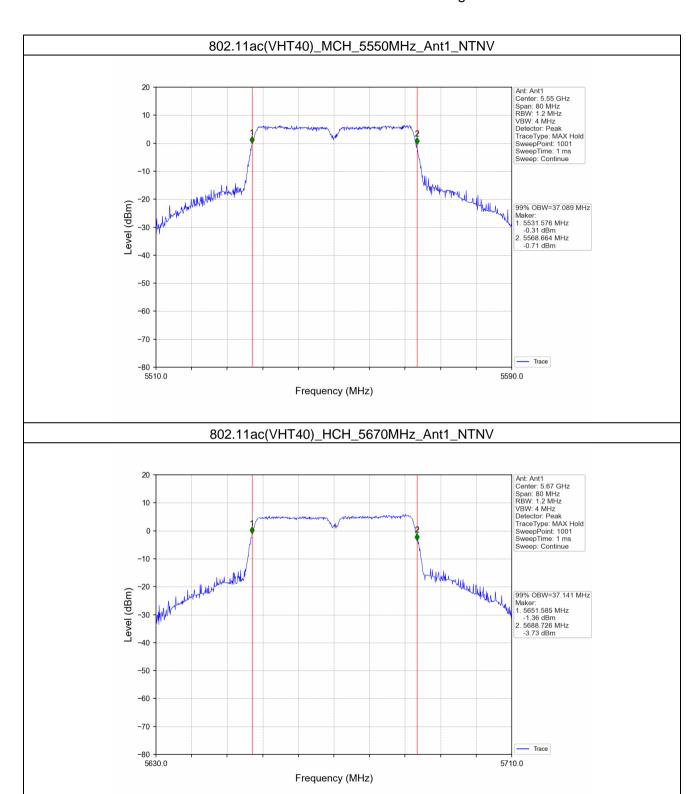


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Report No.: GZCR210802081404

Page: 321 of 409





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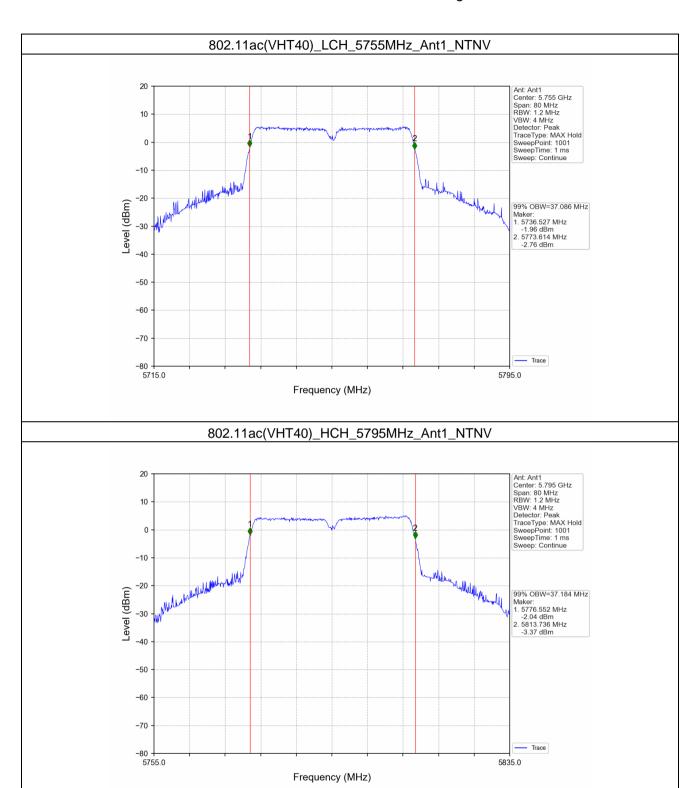


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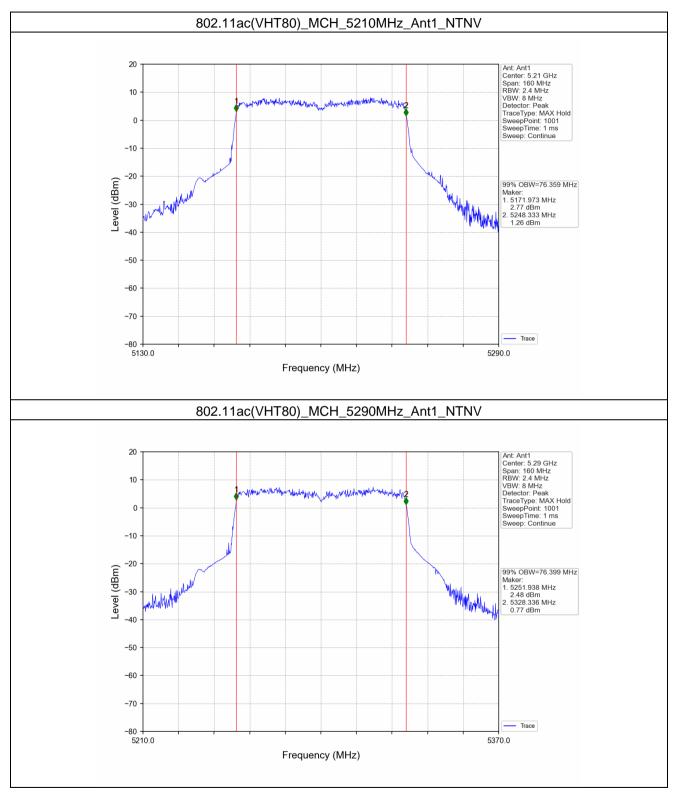
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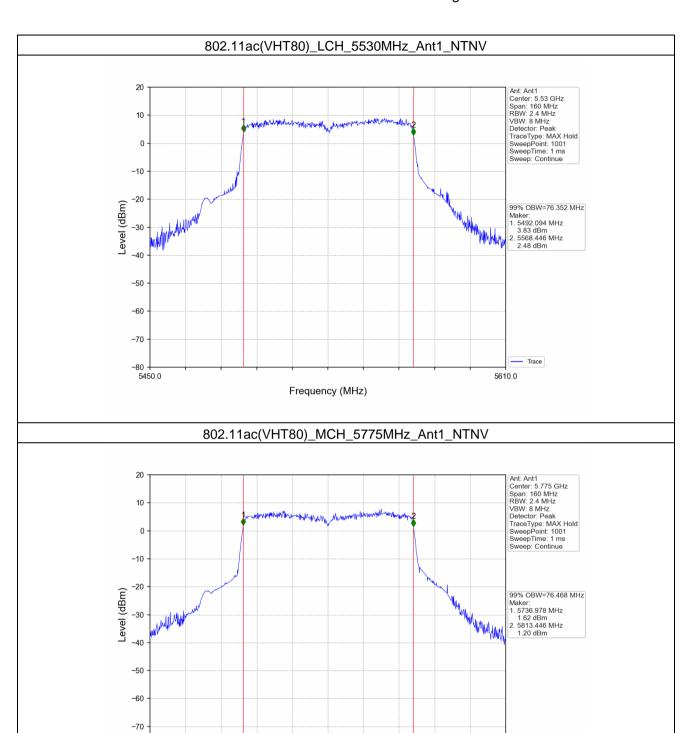


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Frequency (MHz)

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Trace

5855.0



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Report No.: GZCR210802081404

Page: 325 of 409

2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
802.11a	SISO	5745	1	16.82	>=0.5	Pass
		5785	1	16.60	>=0.5	Pass
		5825	1	16.64	>=0.5	Pass
		5745	1	17.66	>=0.5	Pass
802.11n (HT20)	SISO	5785	1	17.61	>=0.5	Pass
		5825	1	17.55	>=0.5	Pass
000 44 (117.40)	SISO	5755	1	36.58	>=0.5	Pass
802.11n (HT40)		5795	1	36.61	>=0.5	Pass
802.11ac (VHT20)	SISO	5745	1	17.67	>=0.5	Pass
		5785	1	17.62	>=0.5	Pass
		5825	1	17.61	>=0.5	Pass
802.11ac (VHT40)	SISO	5755	1	36.46	>=0.5	Pass
		5795	1	36.44	>=0.5	Pass
802.11ac (VHT80)	SISO	5775	1	76.56	>=0.5	Pass



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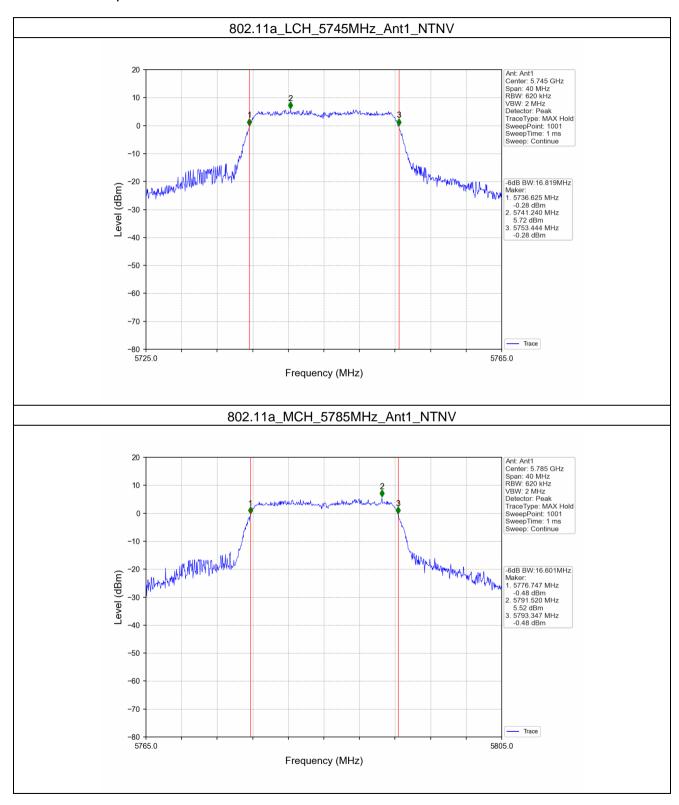
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Report No.: GZCR210802081404

Page: 326 of 409

2.2.2 Test Graph

FMC-TRF-01





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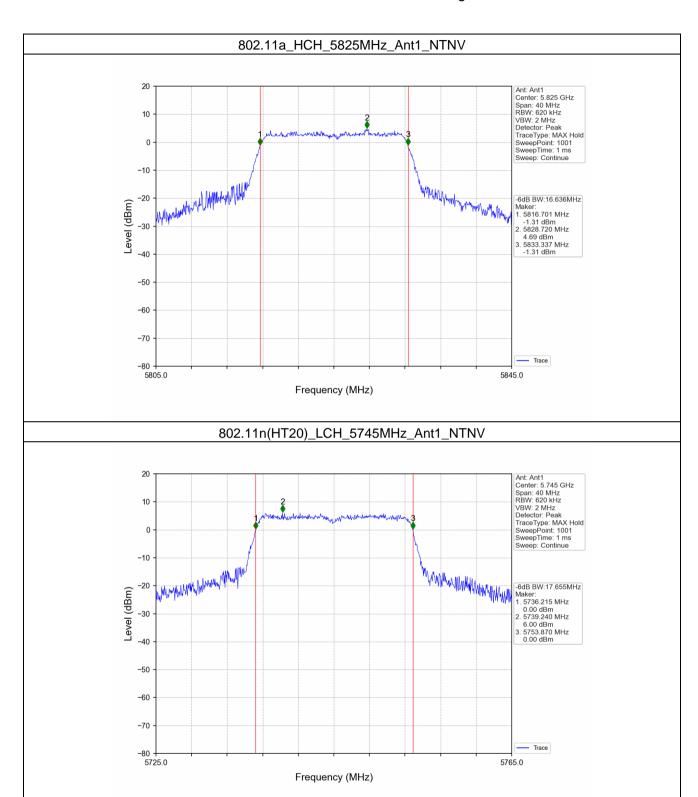


EMC-TRF-01

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

Report No.: GZCR210802081404

Page: 327 of 409





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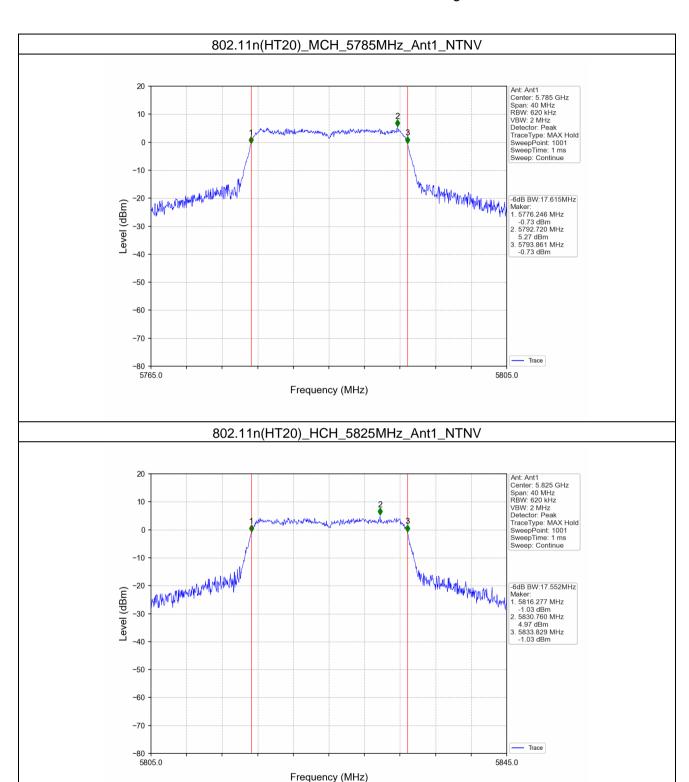


EMC-TRF-01

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

Report No.: GZCR210802081404

Page: 328 of 409





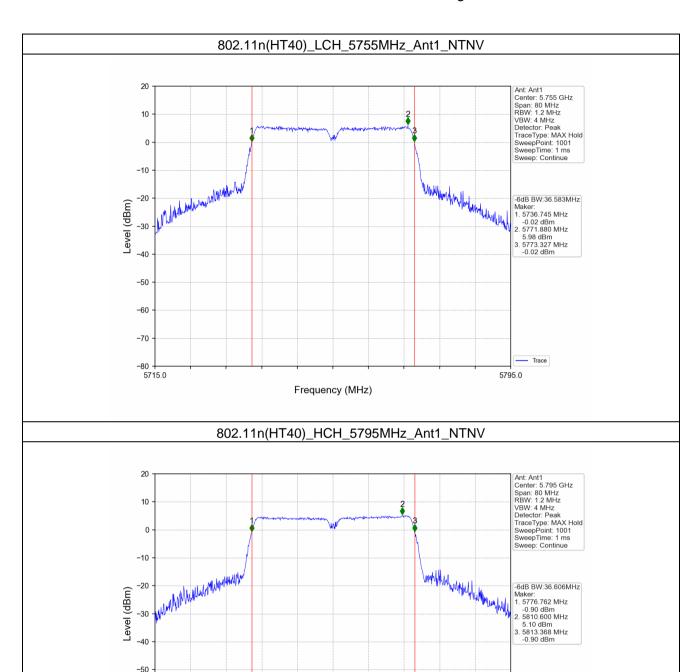


EMC-TRF-01

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

Report No.: GZCR210802081404

Page: 329 of 409





-70

5755.0

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Frequency (MHz)

Trace

5835.0

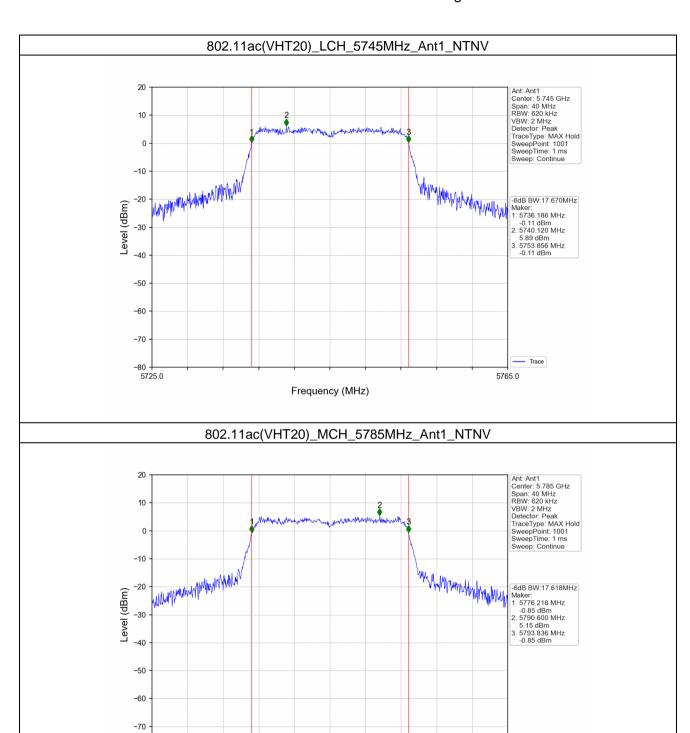


EMC-TRF-01

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

Report No.: GZCR210802081404

Page: 330 of 409





5765.0

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Trace

5805.0

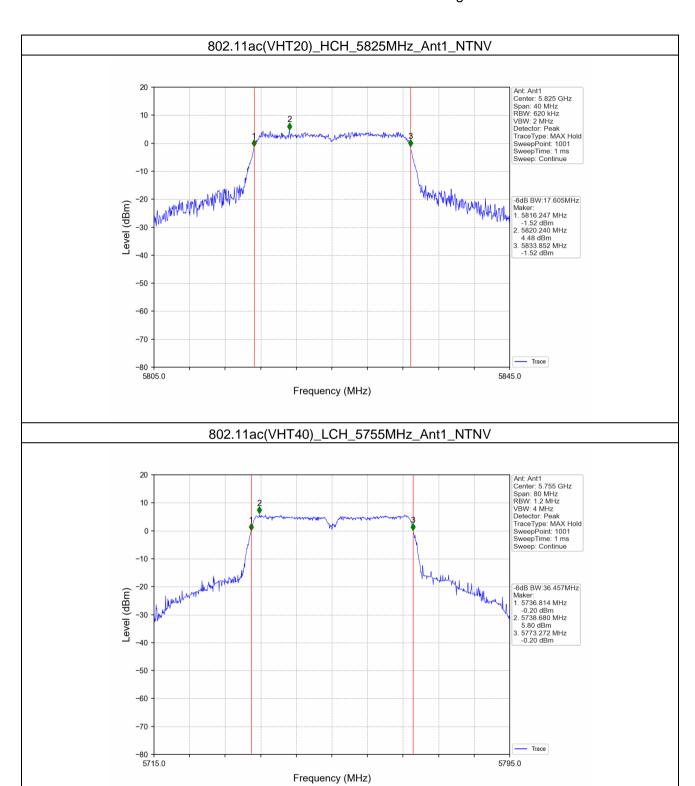


EMC-TRF-01

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

Report No.: GZCR210802081404

Page: 331 of 409





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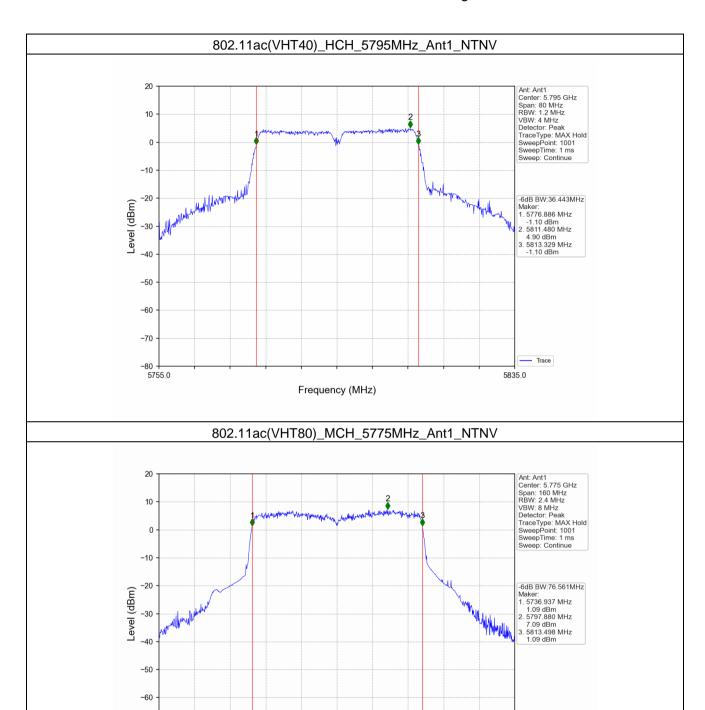


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Report No.: GZCR210802081404

Page: 332 of 409





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5695.0

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Frequency (MHz)

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Trace

5855.0



SGS-CSTC Standards Technical Services Co., Ltd. **Guangzhou Branch**

Report No.: GZCR210802081404

Page: 333 of 409

2.3 26dB BW

2.3.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	26dB Bandwidth (MHz)	Limit	Verdict
		5180	1	33.65	1	Pass
		5200	1	31.22	1	Pass
		5240	1	33.25	/	Pass
		5260	1	32.78	/	Pass
802.11a	SISO	5300	1	32.31	/	Pass
		5320	1	30.64	/	Pass
		5500	1	32.70	/	Pass
		5580	1	33.73	/	Pass
		5700	1	31.46	/	Pass
		5180	1	36.71	/	Pass
		5200	1	33.68	/	Pass
		5240	1	35.01	/	Pass
		5260	1	35.56	/	Pass
802.11n (HT20)	SISO	5300	1	32.51	/	Pass
		5320	1	34.34	/	Pass
		5500	1	36.61	/	Pass
		5580	1	36.03	/	Pass
		5700	1	33.62	/	Pass
	SISO	5190	1	62.51	/	Pass
802.11n (HT40)		5230	1	64.46	/	Pass
		5270	1	66.31	/	Pass
		5310	1	61.32	/	Pass
		5510	1	61.35	/	Pass
		5550	1	66.64	/	Pass
		5670	1	65.21	/	Pass
	SISO	5180	1	35.22	/	Pass
		5200	1	36.62	1	Pass
		5240	1	33.19	/	Pass
000.44		5260	1	34.16	/	Pass
802.11ac (VHT20)		5300	1	36.33	/	Pass
((((((((((((((((((((5320	1	33.56	1	Pass
		5500	1	35.94	1	Pass
		5580	1	36.06	1	Pass
		5700	1	33.79	1	Pass
802.11ac	SISO	5190	1	62.13	1	Pass





EMC-TRF-01

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

Report No.: GZCR210802081404

Page: 334 of 409

(VHT40)		5230	1	60.78	/	Pass
		5270	1	61.65	/	Pass
		5310	1	62.92	/	Pass
		5510	1	59.82	/	Pass
		5550	1	62.63	/	Pass
		5670	1	63.88	/	Pass
000.44		5210	1	92.52	/	Pass
802.11ac (VHT80)	SISO	5290	1	92.00	/	Pass
		5530	1	90.30	/	Pass



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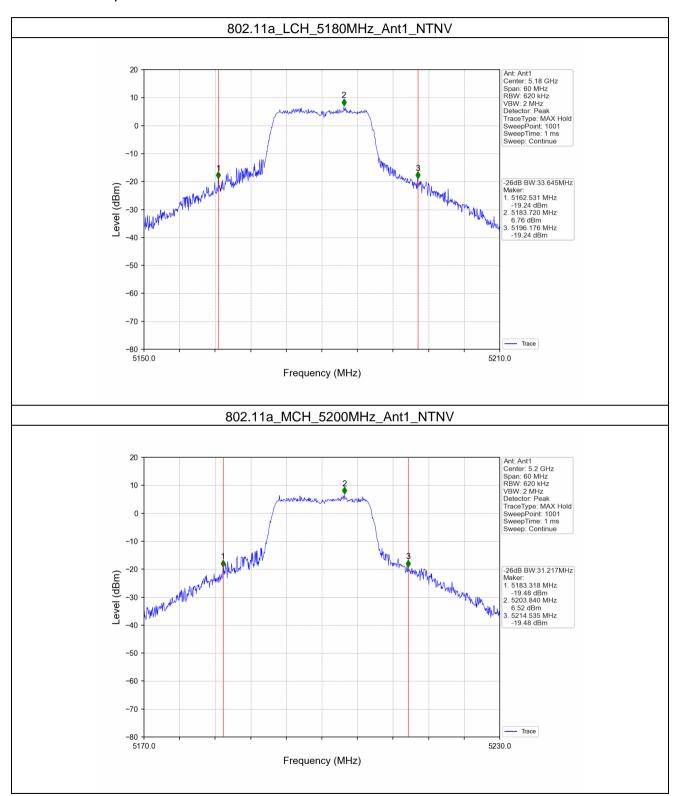
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Page: 335 of 409

2.3.2 Test Graph

FMC-TRF-01





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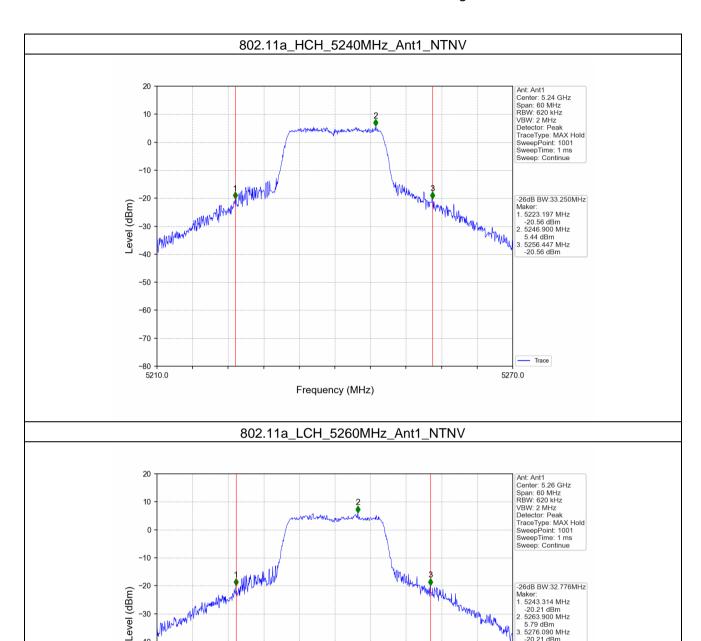


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Report No.: GZCR210802081404

336 of 409 Page:





-30

-50

-60

-70

5230.0

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Frequency (MHz)

5.79 dBm 3. 5276.090 MHz -20.21 dBm

Trace

5290.0