5.3 Occupied Bandwidth

Specifications:	FCC Part 15. 407 (e)
DUT Serial Number:	S15/18: 862851030000175/862851030020177
Test conditions:	Ambient Temperature:15℃-35℃ Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	Pass

According to Part 15.407(e)

For an outdoor access point operating in the band 5.15-5.25 GHz, not required.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, not required.

For the band 5.725-5.85 GHz, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

Note: --

5.3.1 802.11a Occupied Bandwidth

Mode	Frequency (MHz)	Channel	99% Occupied Bandwidth (MHz)	26dB Occupied Bandwidth (MHz)	6dB Occupied Bandwidth (MHz)
802.11a	5180	36	16.79	21.54	--
	5220	44	16.79	21.54	--
	5240	48	16.73	21.67	--
	5260	52	16.73	21.35	--
	5300	60	16.73	21.22	--
	5320	64	16.79	21.47	--
	5500	100	16.92	23.08	--
	5580	116	16.73	21.22	--
	5700	140	16.99	24.36	--
	5745	149	16.35	--	14.36
	5785	157	16.41	--	13.20
	5825	165	16.41	--	14.17

5.3.2 802.11n 20MHz Occupied Bandwidth

Mode	Frequency (MHz)	Channel	99% Occupied Bandwidth (MHz)	26dB Occupied Bandwidth (MHz)	6dB Occupied Bandwidth (MHz)
802.11n (20MHz)	5180	36	17.69	21.92	--
	5220	44	17.76	21.99	--
	5240	48	17.76	21.54	--
	5260	52	17.76	22.05	--
	5280	56	17.76	21.47	--
	5300	60	17.69	21.35	
	5320	64	17.76	21.60	--
	5500	100	17.82	22.76	--
	5580	116	17.76	21.92	--
	5700	140	17.88	23.85	--
	5745	149	17.44	--	13.40
	5785	157	17.56	--	12.83
	5825	165	17.56	--	12.82

5.3.3 802.11n 40MHz Occupied Bandwidth

Mode	Frequency (MHz)	Channel	99% Occupied Bandwidth (MHz)	26dB Occupied Bandwidth (MHz)	6dB Occupied Bandwidth (MHz)
802.11n (40MHz)	5190	38	36.15	43.59	--
	5230	46	36.28	45.64	--
	5270	54	36.15	44.23	--
	5310	62	36.15	44.36	--
	5510	102	36.92	58.85	--
	5550	110	36.41	47.05	--
	5670	134	36.41	50.13	--
	5755	151	36.03	--	29.87
	5795	159	36.41	--	31.41

5.3.4 802.11ac 20MHz Occupied Bandwidth

Mode	Frequency (MHz)	Channel	99% Occupied Bandwidth (MHz)	26dB Occupied Bandwidth (MHz)	6dB Occupied Bandwidth (MHz)
802.11ac (20MHz)	5180	36	16.79	21.92	--
	5220	44	16.79	21.92	--
	5240	48	17.76	21.54	--
	5260	52	17.76	22.31	--
	5300	60	17.76	22.37	--
	5320	64	17.76	21.67	--
	5500	100	17.82	23.08	--
	5580	116	17.76	21.79	--
	5700	140	17.95	24.55	--
	5745	149	17.50	--	13.97
	5785	157	17.56	--	11.79
	5825	165	17.56	--	12.24

5.3.5 802.11ac 40MHz Occupied Bandwidth

Mode	Frequency (MHz)	Channel	99% Occupied Bandwidth (MHz)	26dB Occupied Bandwidth (MHz)	6dB Occupied Bandwidth (MHz)
802.11ac (40MHz)	5190	38	36.28	43.33	--
	5230	46	36.28	45.00	--
	5270	54	36.28	43.08	--
	5310	62	36.15	42.56	--
	5510	102	36.79	54.87	--
	5550	110	36.28	44.62	--
	5670	134	36.41	50.77	--
	5755	151	36.03	--	32.05
	5795	159	36.41	--	43.20

5.3.6 802.11ac 80MHz Occupied Bandwidth

Mode	Frequency (MHz)	Channel	99% Occupied Bandwidth (MHz)	26dB Occupied Bandwidth (MHz)	6dB Occupied Bandwidth (MHz)
802.11ac (80MHz)	5210	42	75.64	90.26	--
	5290	58	75.38	86.92	--
	5530	106	76.41	121.03	--
	5690	138	76.15	106.41	--
	5775	155	75.64	--	57.69

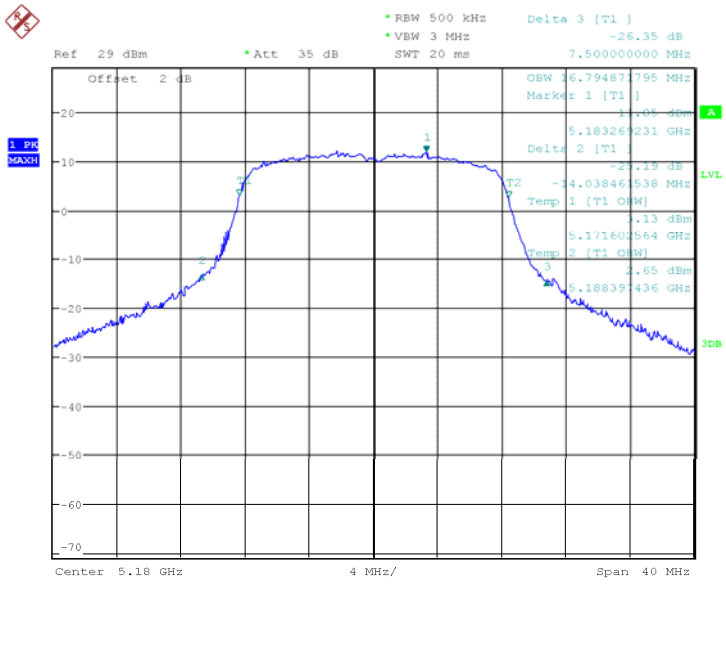

Fig. 1 Occupied Bandwidth 802.11a CH36

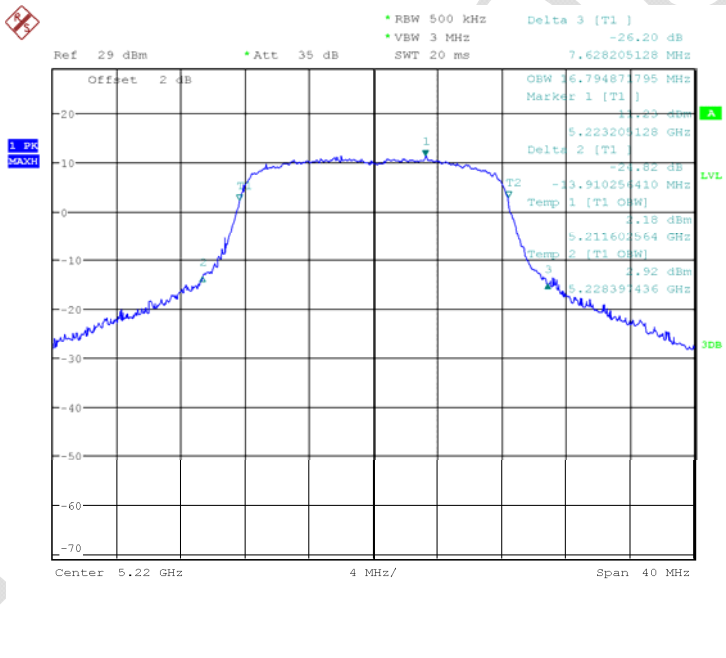

Fig. 2 Occupied Bandwidth 802.11a CH44

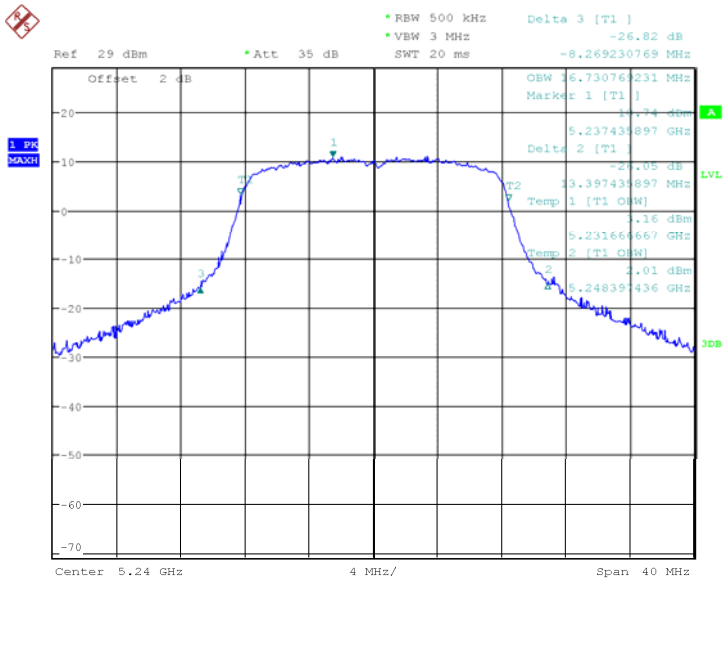

Fig. 3 Occupied Bandwidth 802.11a CH48

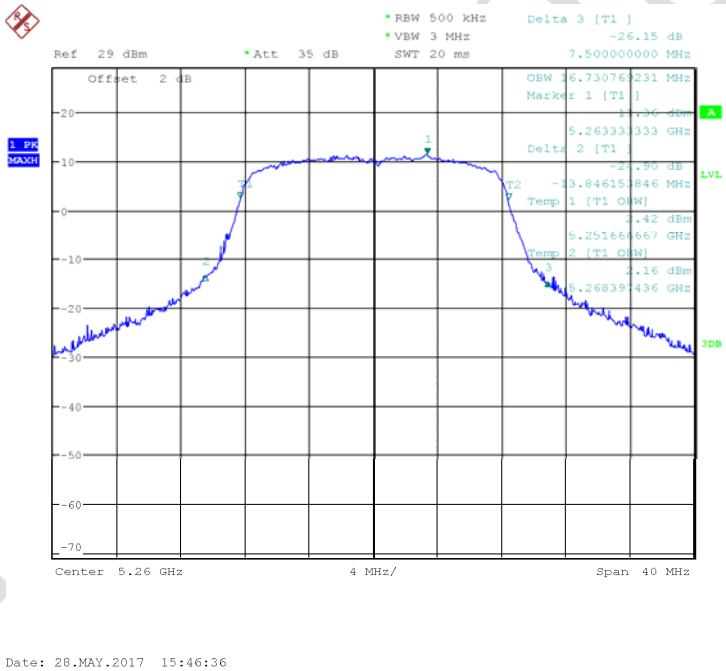

Fig. 4 Occupied Bandwidth 802.11a CH52

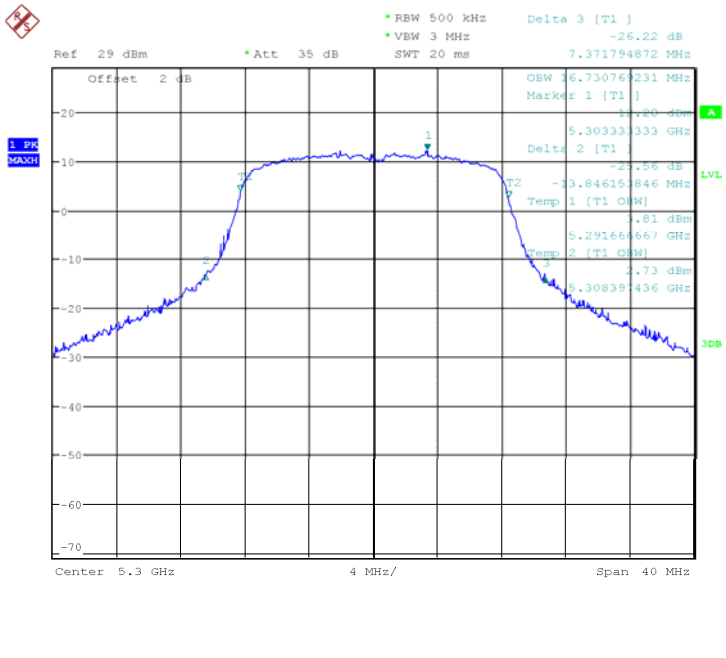

Fig. 5 Occupied Bandwidth 802.11a CH60

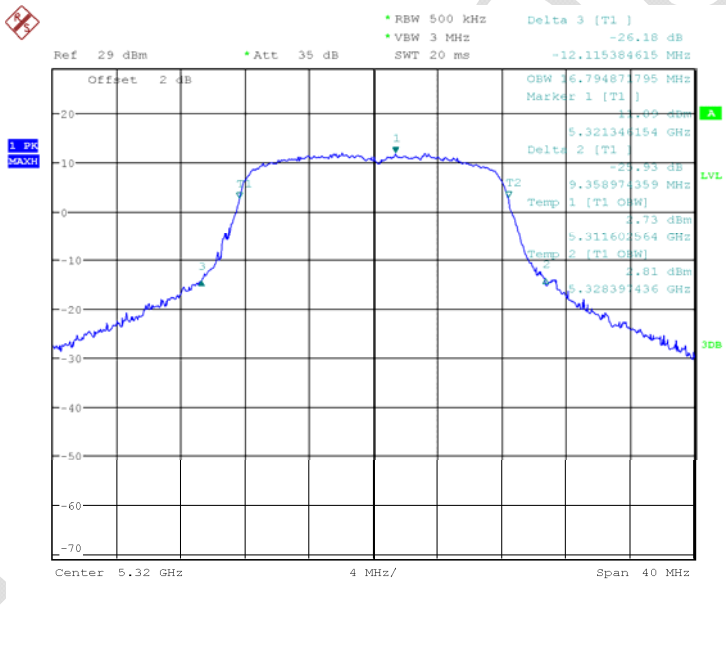

Fig. 6 Occupied Bandwidth 802.11a CH64

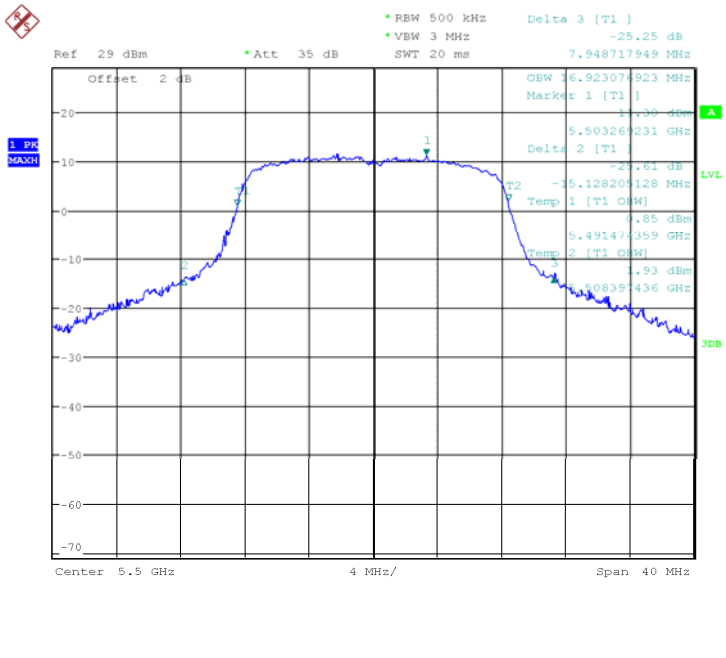

Fig. 7 Occupied Bandwidth 802.11a CH100

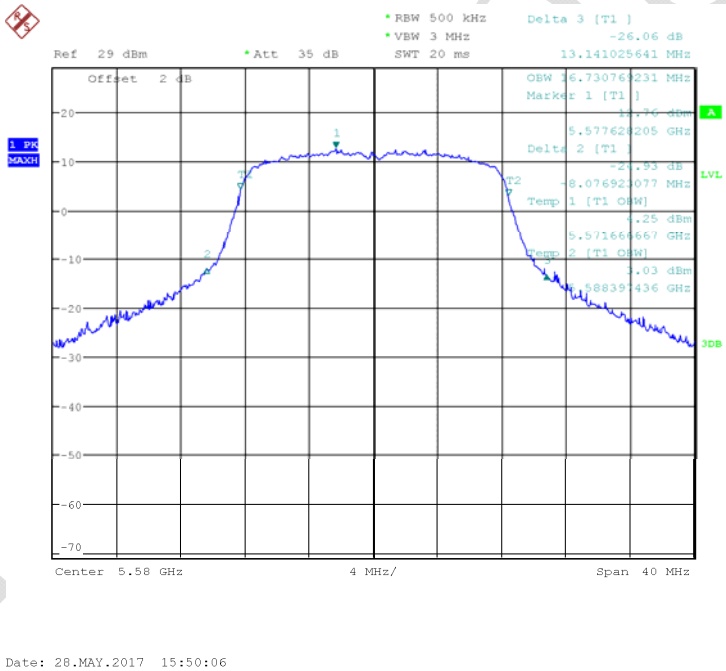

Fig. 8 Occupied Bandwidth 802.11a CH116

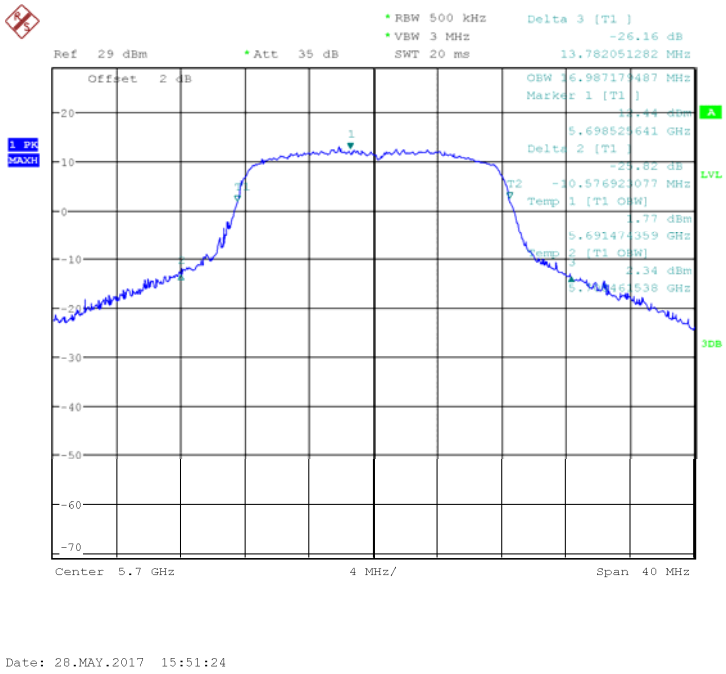

Fig. 9 Occupied Bandwidth 802.11a CH140

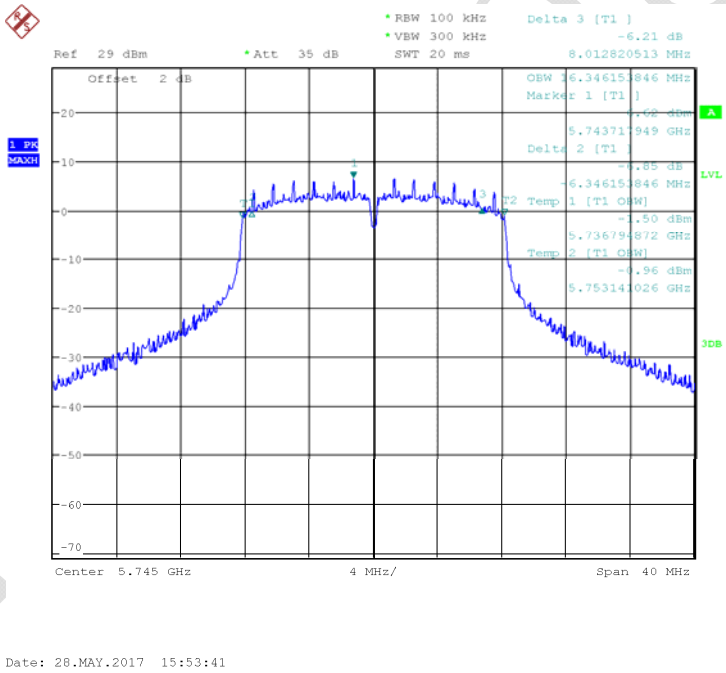

Fig. 10 Occupied Bandwidth 802.11a CH149

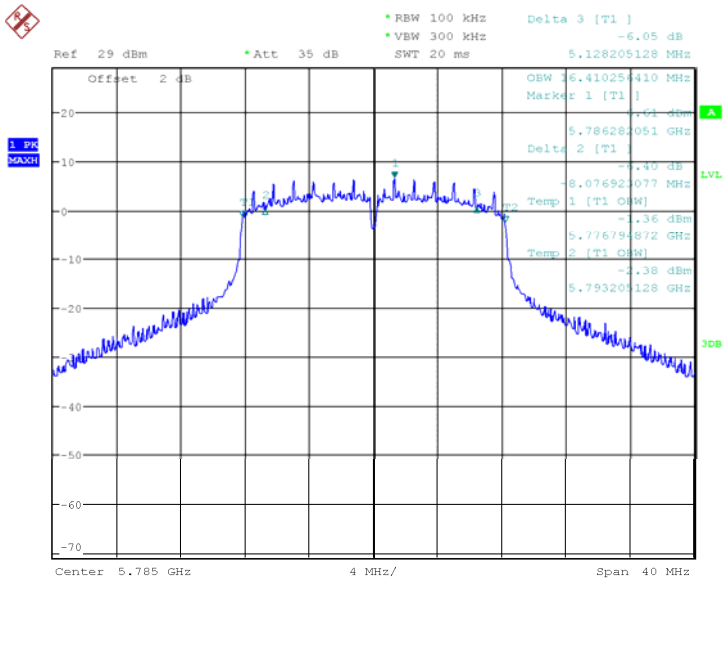

Fig. 11 Occupied Bandwidth 802.11a CH157

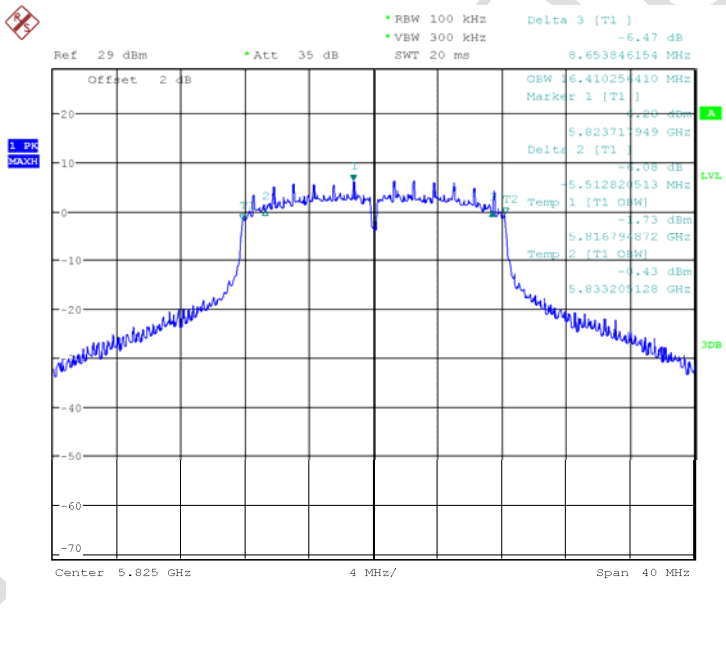

Fig. 12 Occupied Bandwidth 802.11a CH165

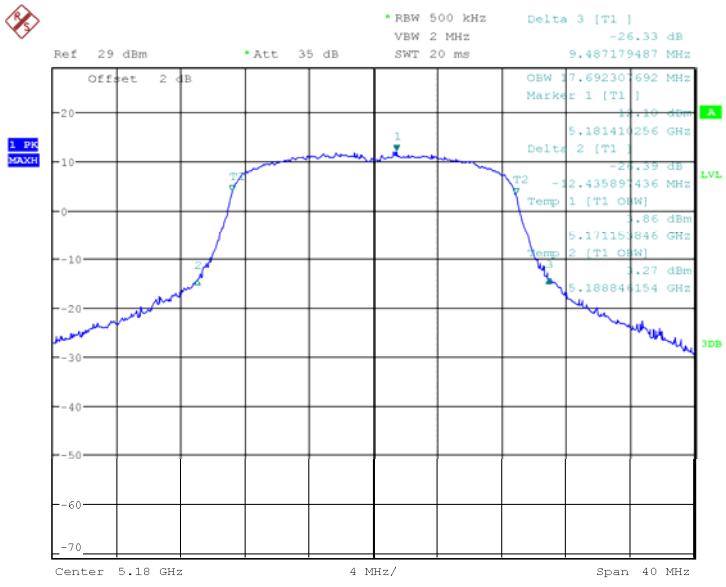

Fig. 13 Occupied Bandwidth 802.11n 20Mz CH36

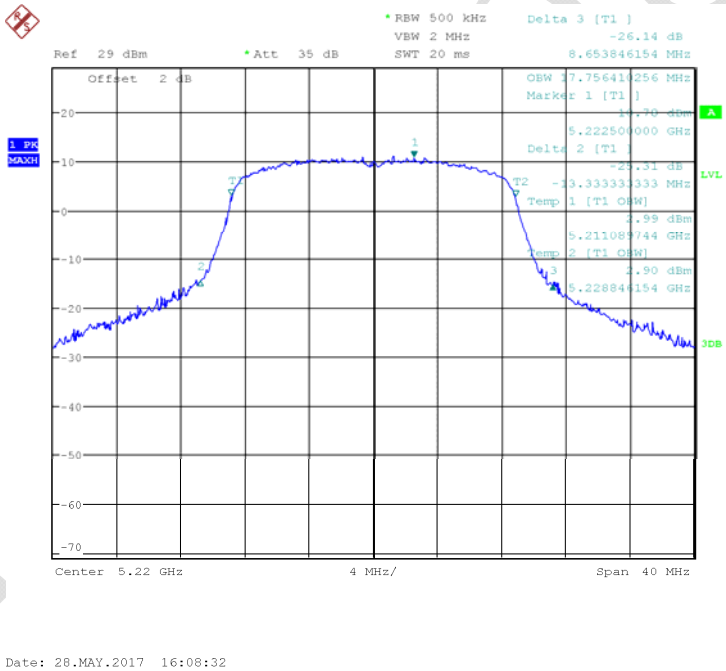

Fig. 14 Occupied Bandwidth 802.11n 20Mz CH40

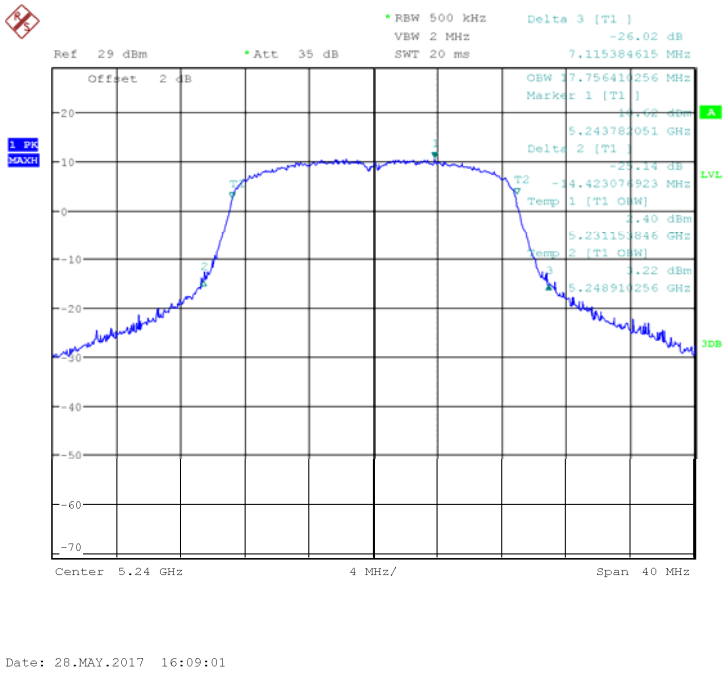

Fig. 15 Occupied Bandwidth 802.11n 20Mz CH48

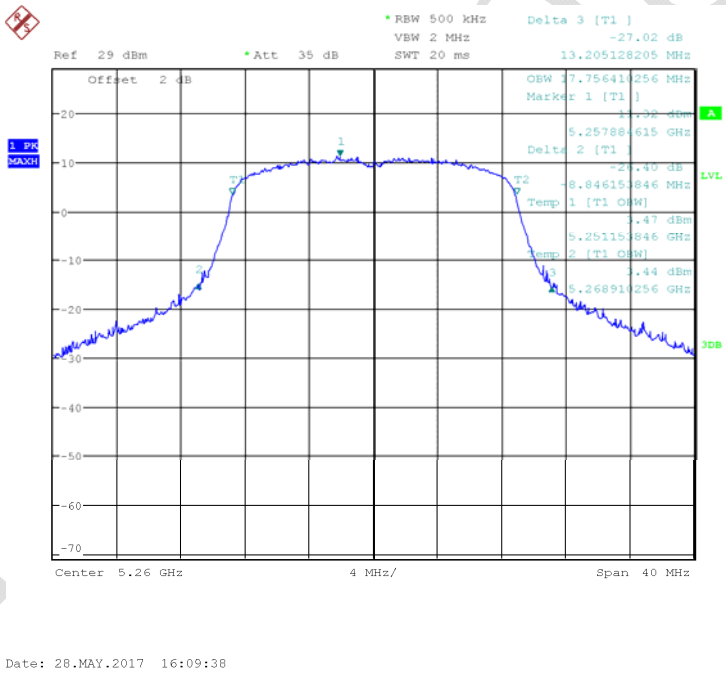

Fig. 16 Occupied Bandwidth 802.11n 20Mz CH52

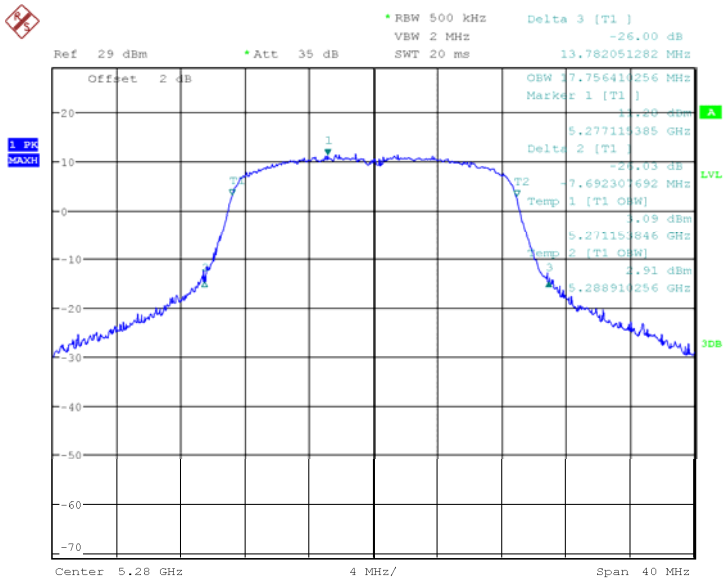

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Fig. 17 Occupied Bandwidth 802.11n 20Mz CH56

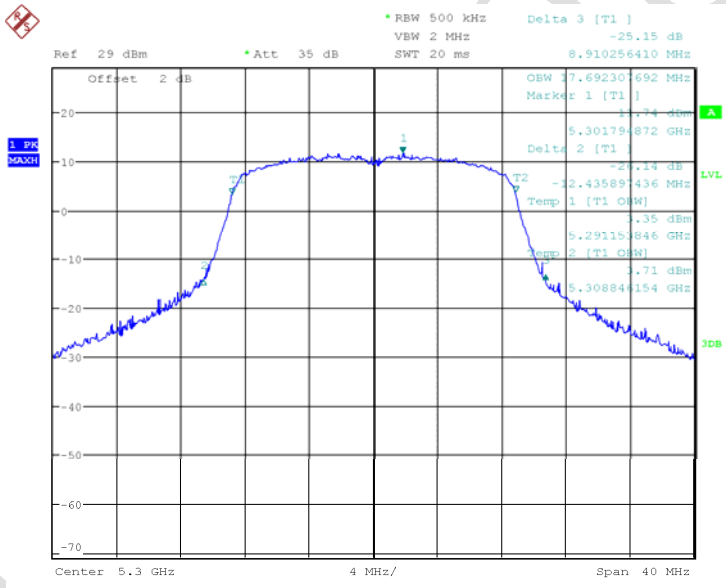

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Fig. 18 Occupied Bandwidth 802.11n 20Mz CH60

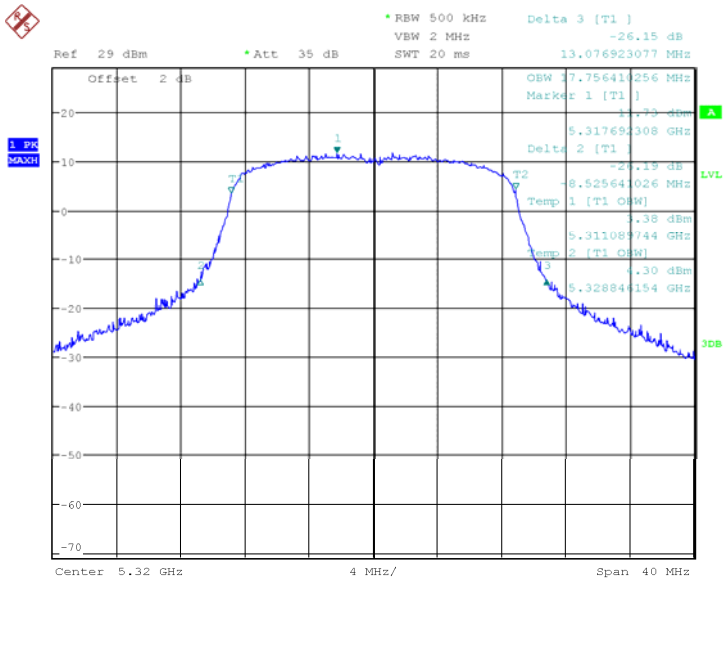

Fig. 19 Occupied Bandwidth 802.11n 20Mz CH64

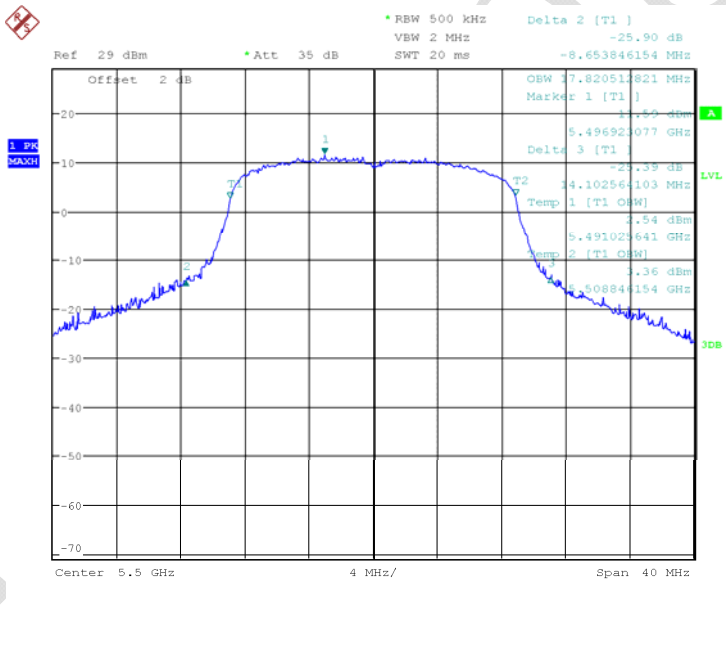

Fig. 20 Occupied Bandwidth 802.11n 20Mz CH100

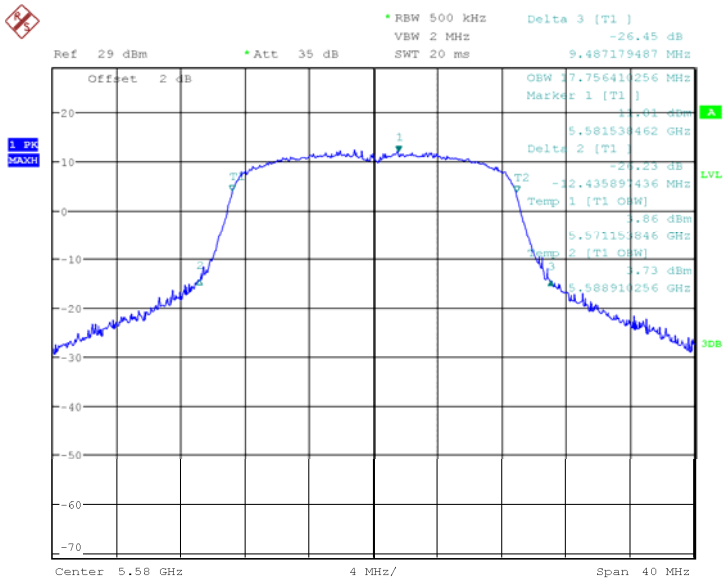

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Fig. 21 Occupied Bandwidth 802.11n 20Mz CH116

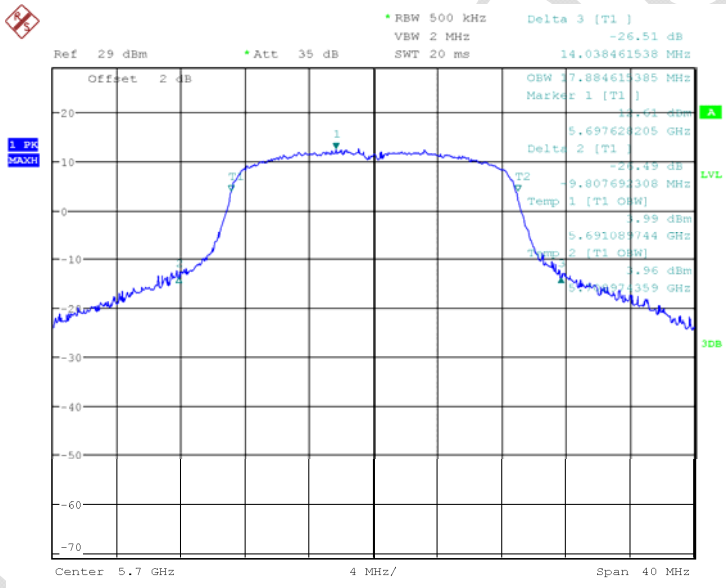

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Fig. 22 Occupied Bandwidth 802.11n 20Mz CH140

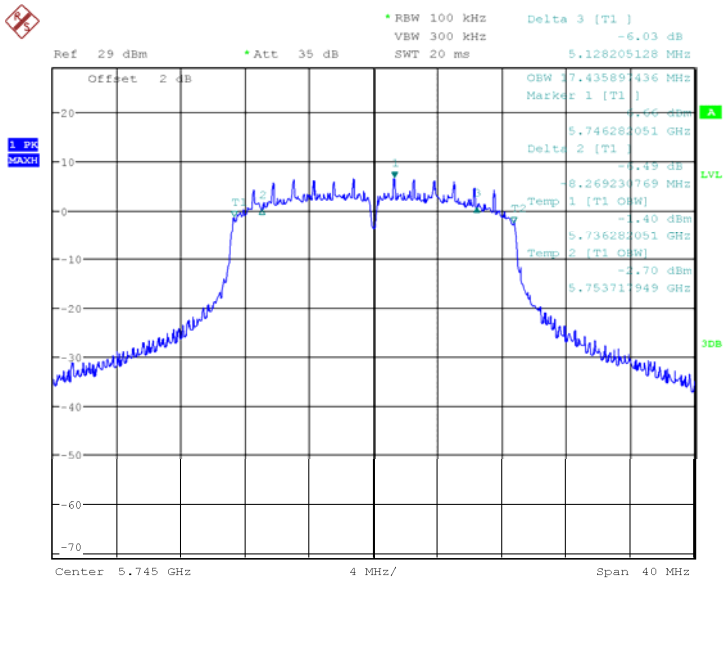

Fig. 23 Occupied Bandwidth 802.11n 20Mz CH149

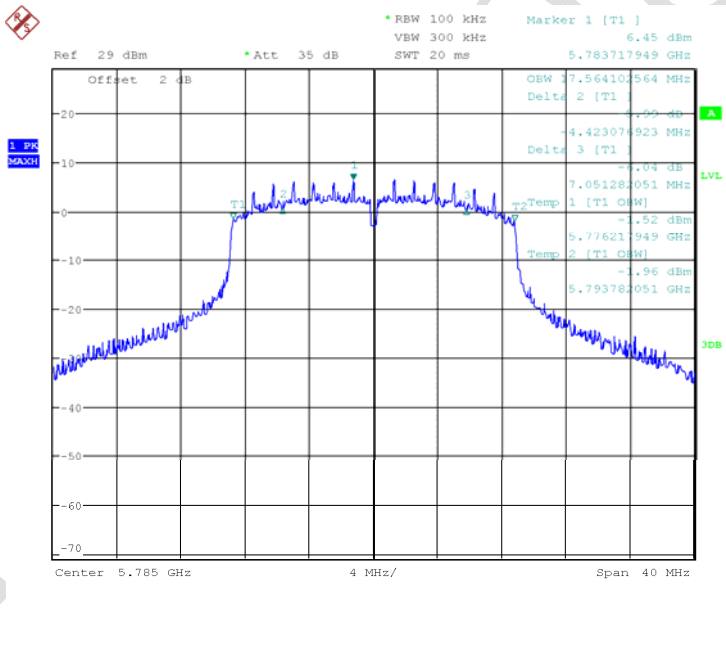

Fig. 24 Occupied Bandwidth 802.11n 20Mz CH157

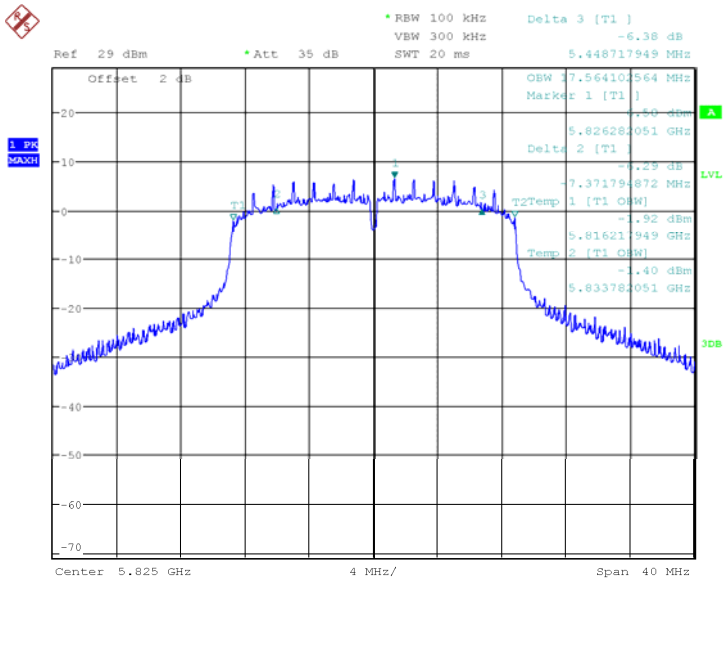

Fig. 25 Occupied Bandwidth 802.11n 20Mz CH165

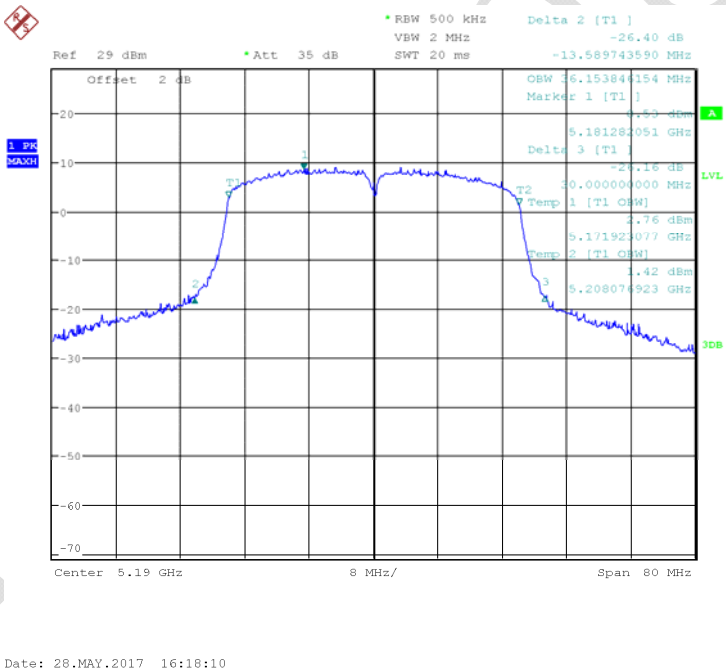

Fig. 26 Occupied Bandwidth 802.11n 40Mz CH38

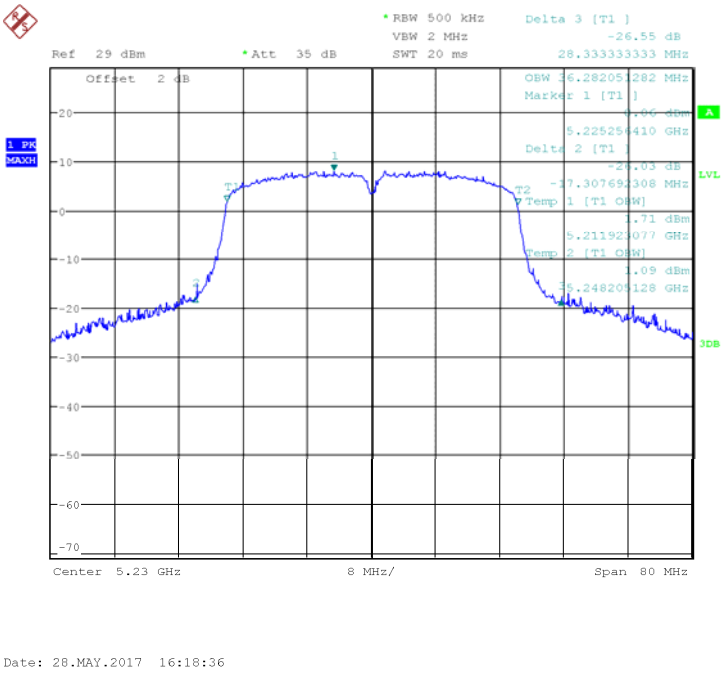

Fig. 27 Occupied Bandwidth 802.11n 40Mz CH46

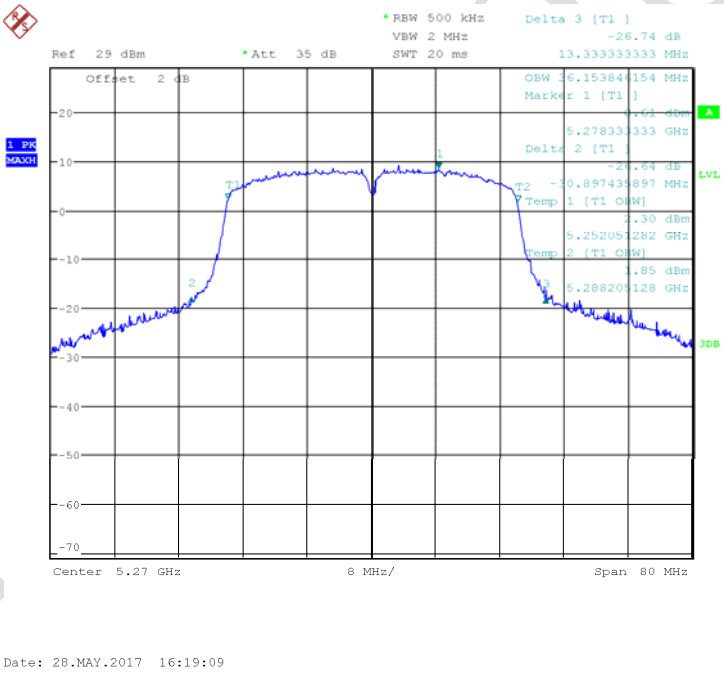

Fig. 28 Occupied Bandwidth 802.11n 40Mz CH54

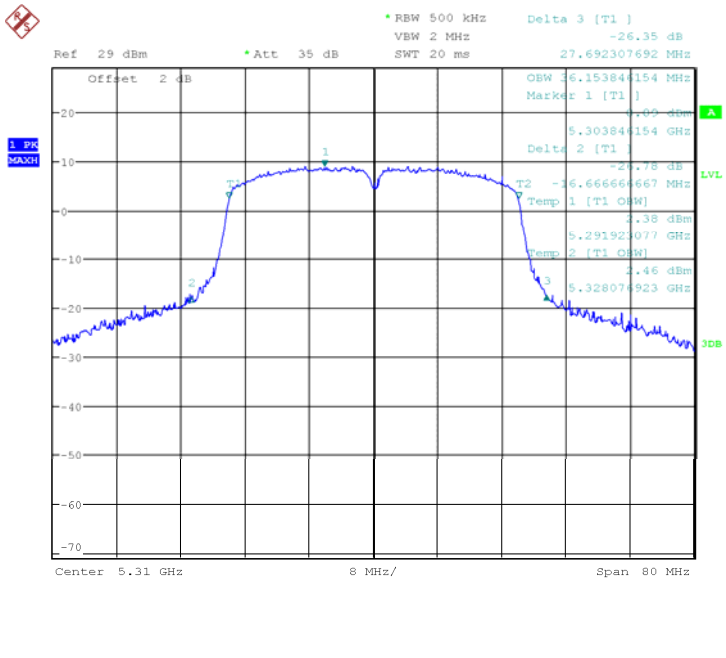

Fig. 29 Occupied Bandwidth 802.11n 40Mz CH62

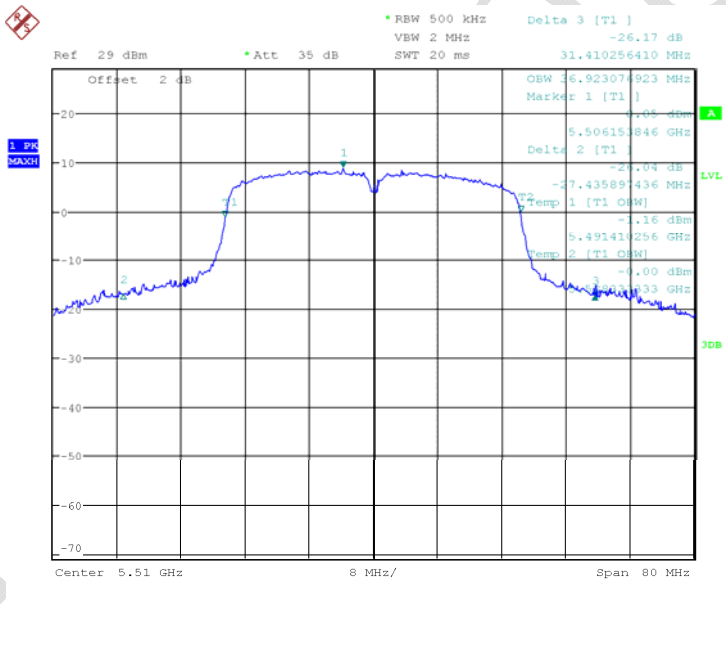

Fig. 30 Occupied Bandwidth 802.11n 40Mz CH102

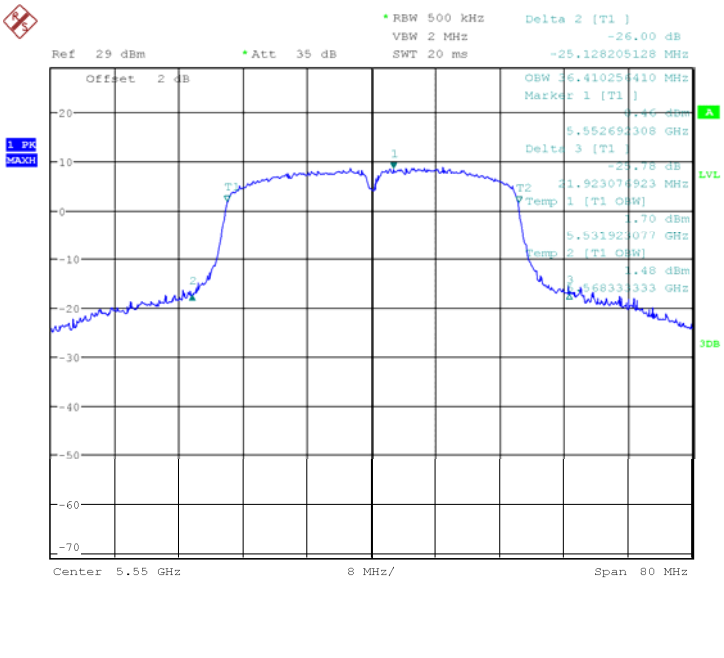

Fig. 31 Occupied Bandwidth 802.11n 40Mz CH110

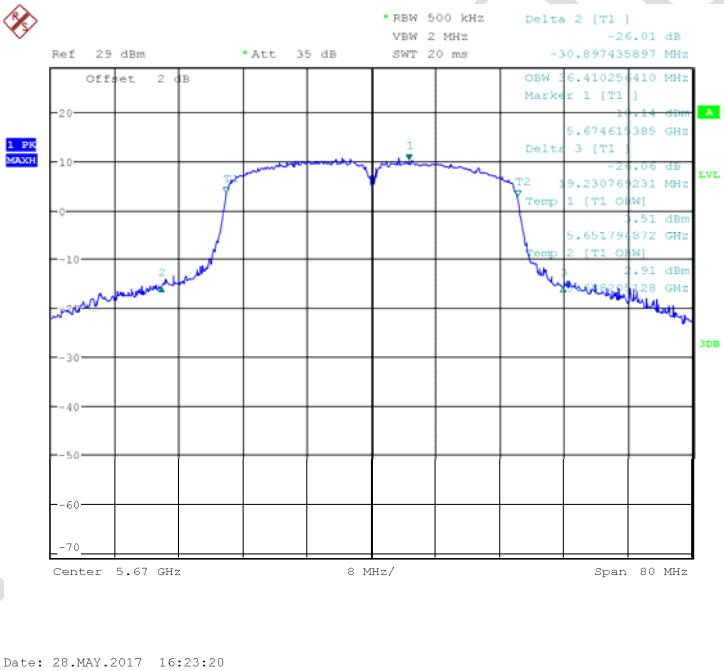

Fig. 32 Occupied Bandwidth 802.11n 40Mz CH134

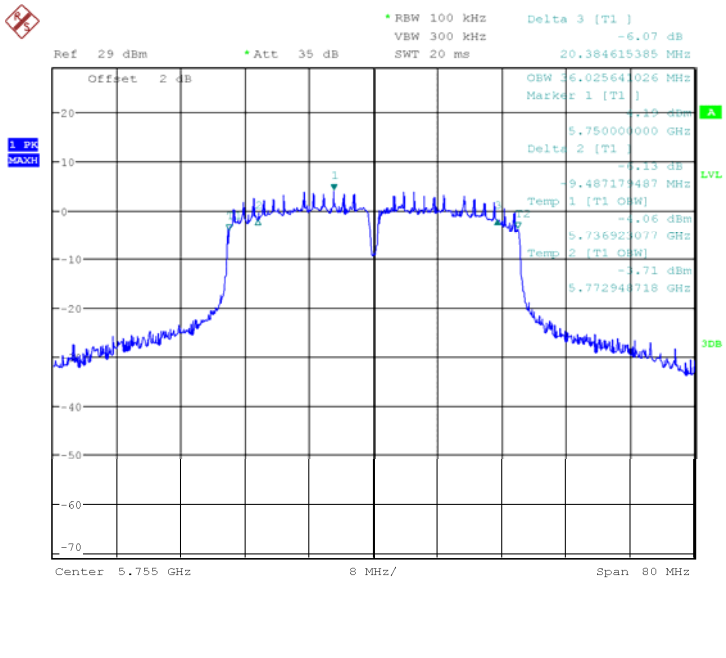

Fig. 33 Occupied Bandwidth 802.11n 40Mz CH151

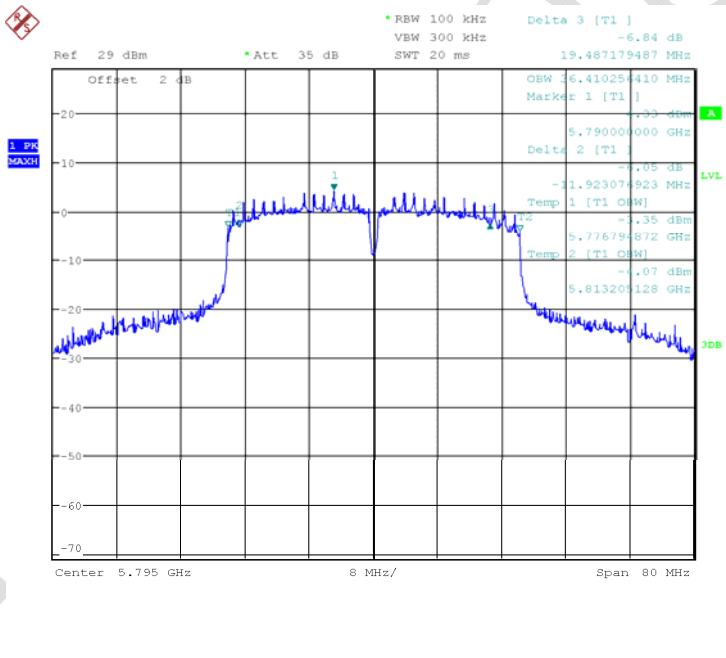

Fig. 34 Occupied Bandwidth 802.11n 40Mz CH159

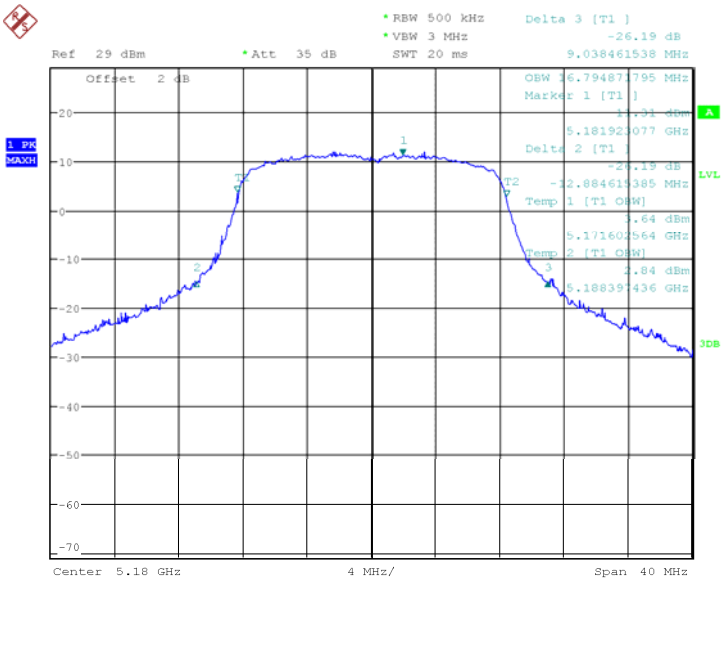

Fig. 35 Occupied Bandwidth 802.11ac 20Mz CH36

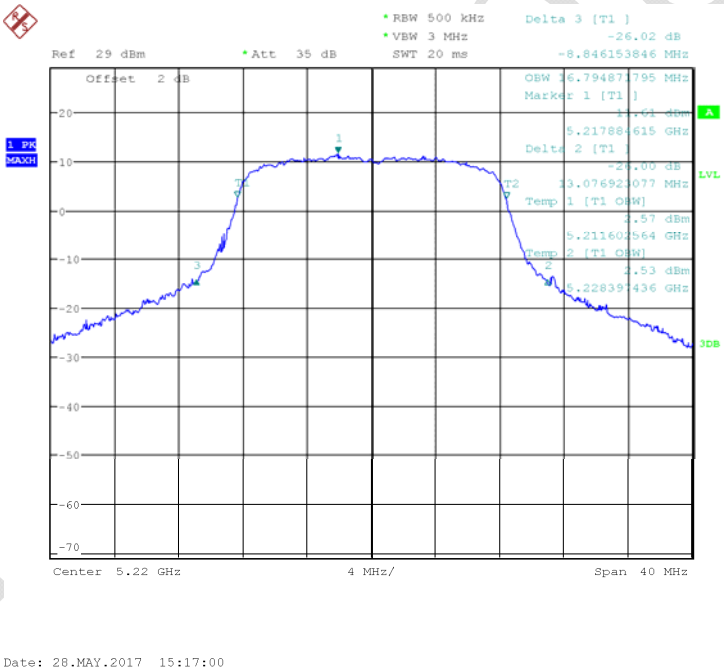

Fig. 36 Occupied Bandwidth 802.11ac 20Mz CH44

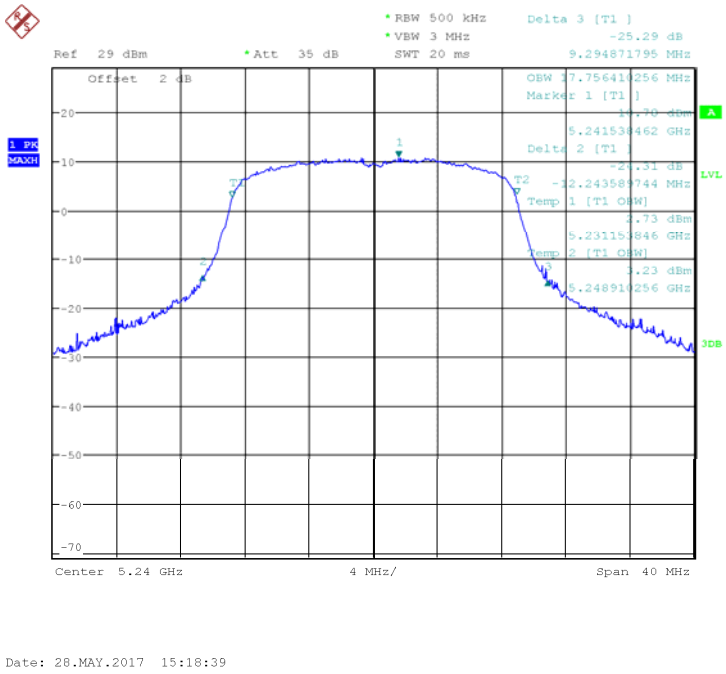

Fig. 37 Occupied Bandwidth 802.11ac 20Mz CH48

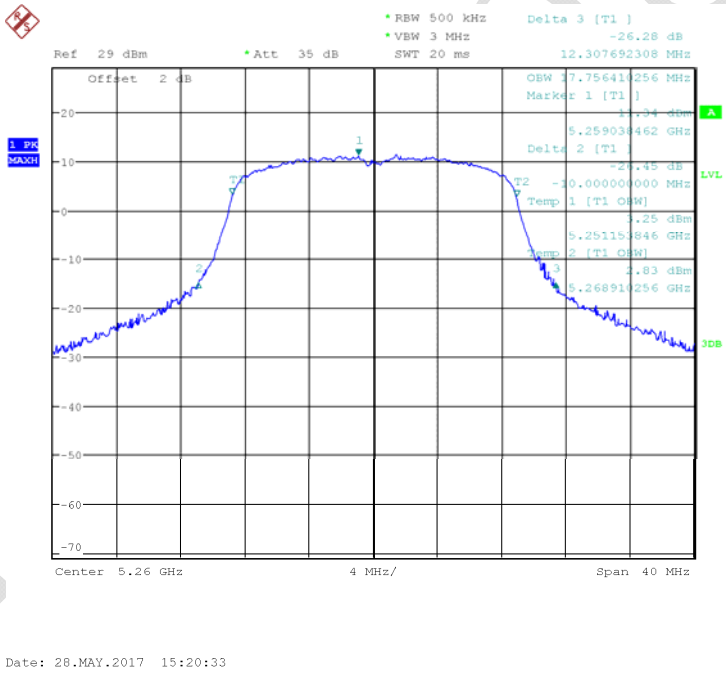

Fig. 38 Occupied Bandwidth 802.11ac 20Mz CH52

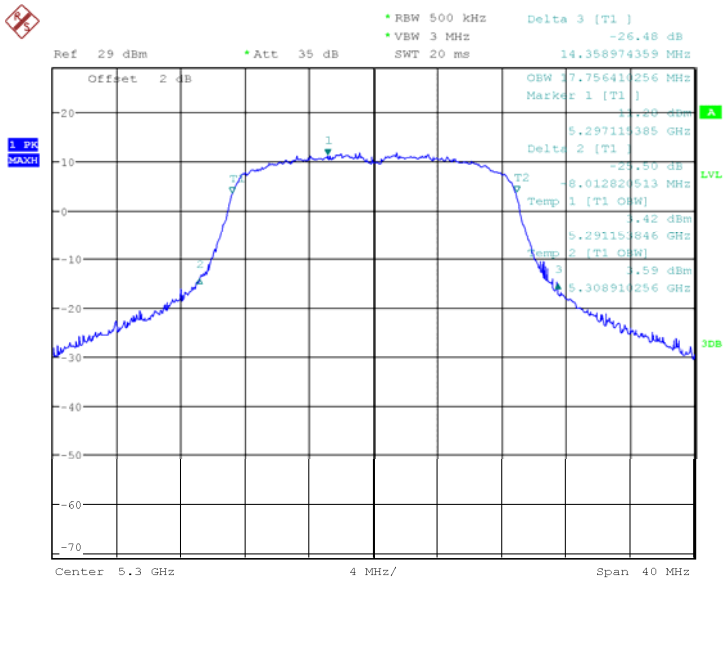

Fig. 39 Occupied Bandwidth 802.11ac 20Mz CH60

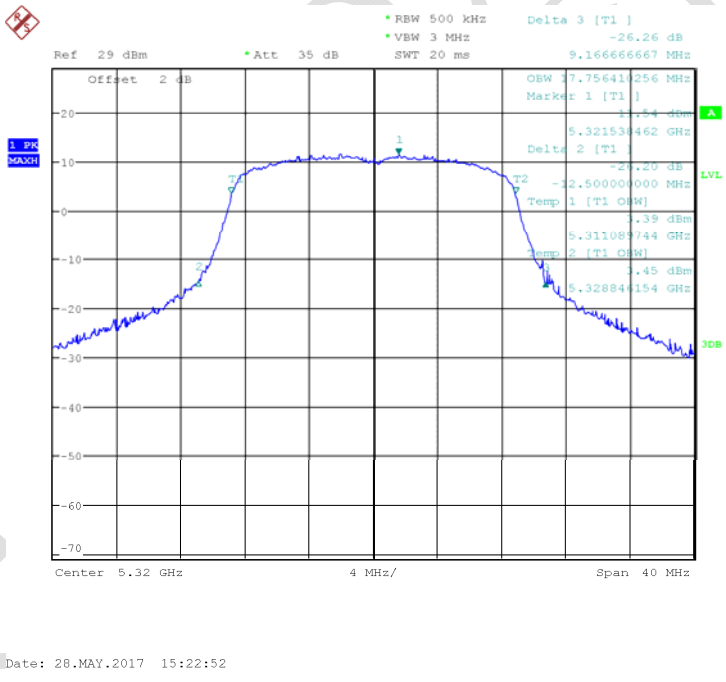

Fig. 40 Occupied Bandwidth 802.11ac 20Mz CH64

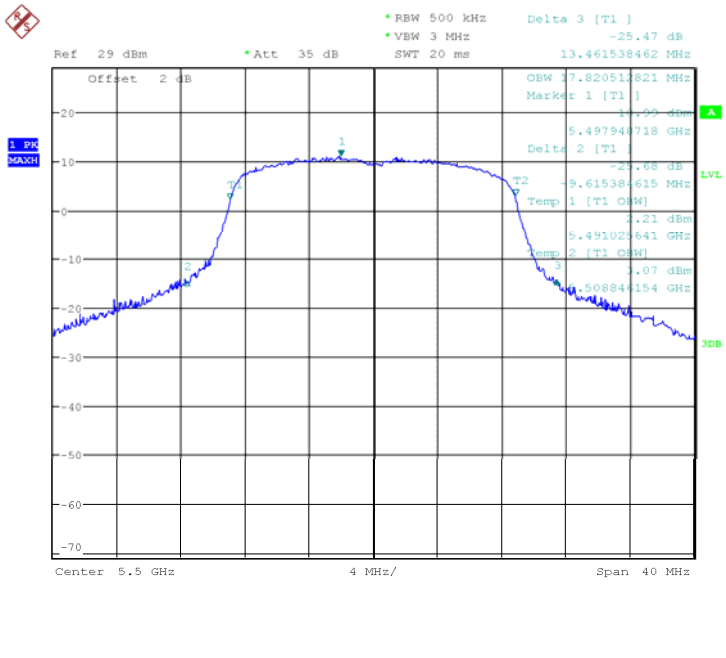

Fig. 41 Occupied Bandwidth 802.11ac 20Mz CH100

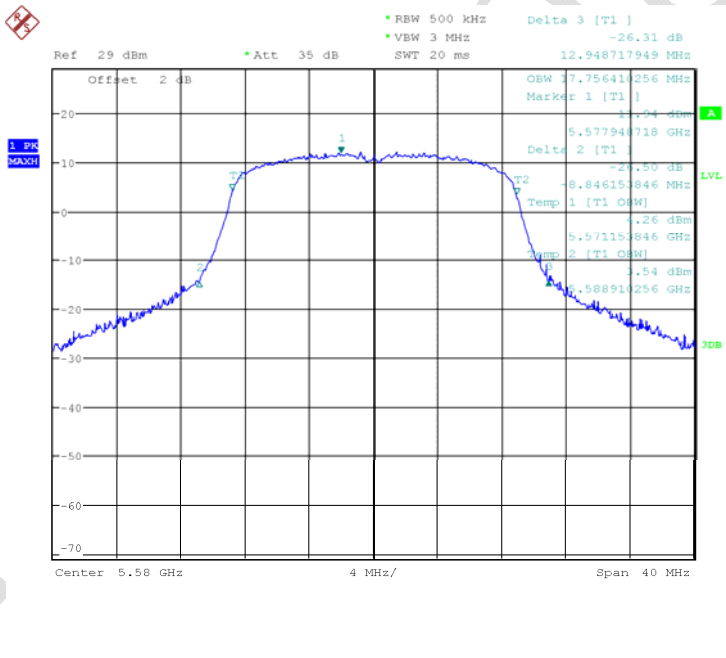

Fig. 42 Occupied Bandwidth 802.11ac 20Mz CH116

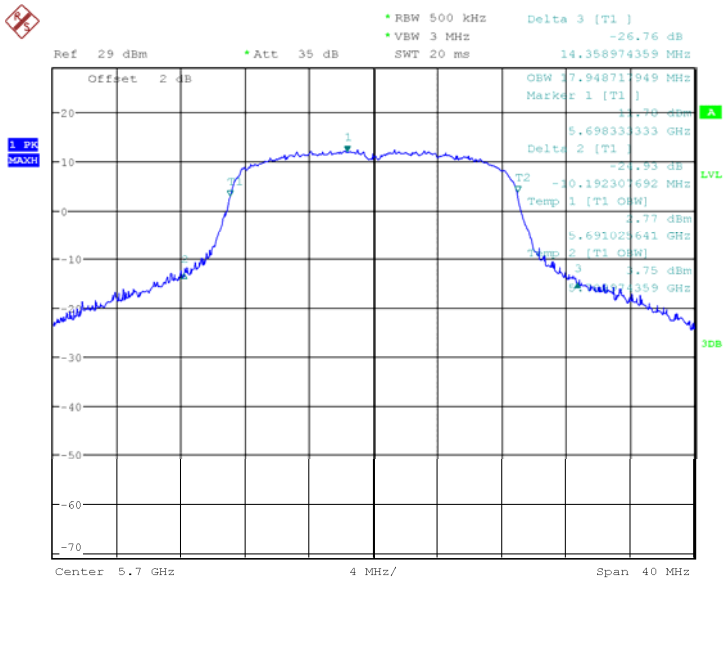

Fig. 43 Occupied Bandwidth 802.11ac 20Mz CH140

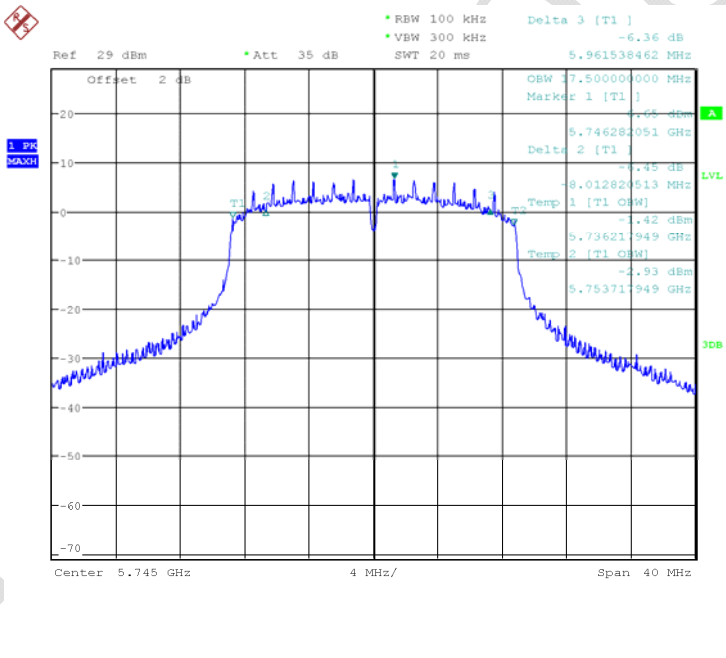

Fig. 44 Occupied Bandwidth 802.11ac 20Mz CH149

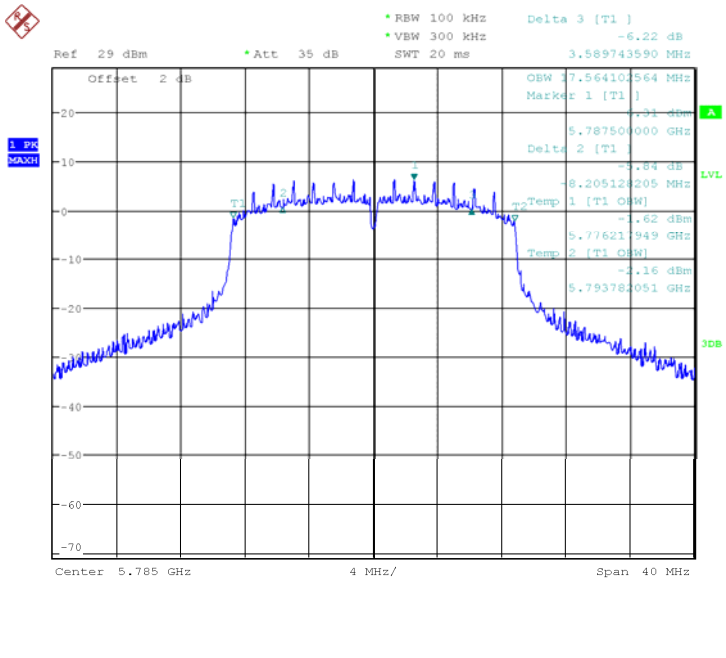

Fig. 45 Occupied Bandwidth 802.11ac 20Mz CH157

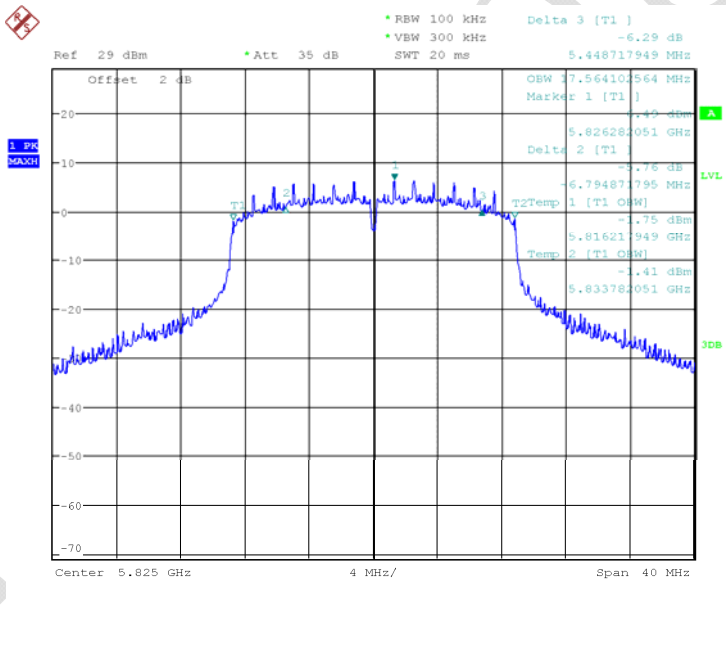

Fig. 46 Occupied Bandwidth 802.11ac 20Mz CH165

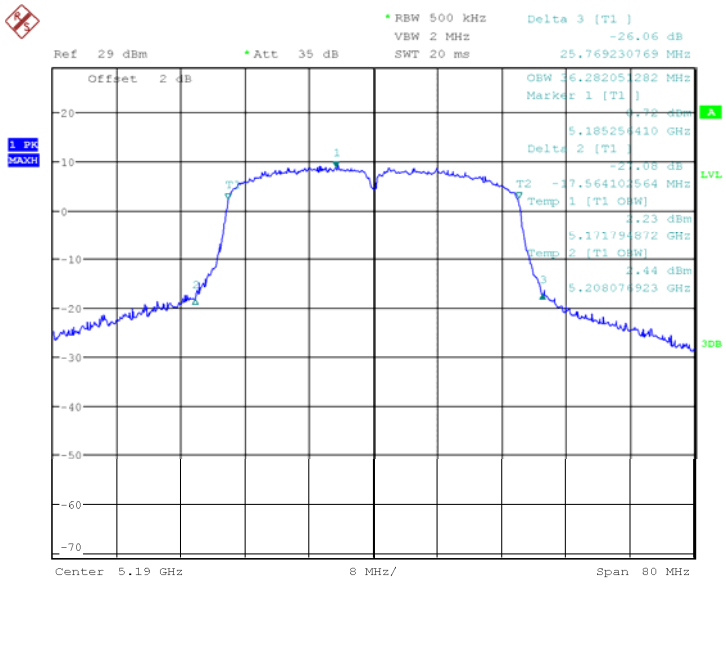

Fig. 47 Occupied Bandwidth 802.11ac 40Mz CH38

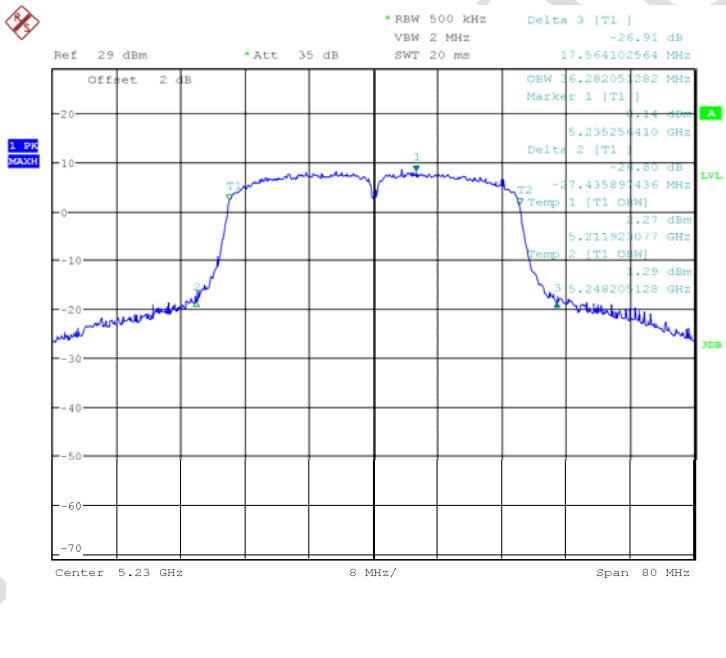

Fig. 48 Occupied Bandwidth 802.11ac 40Mz CH46

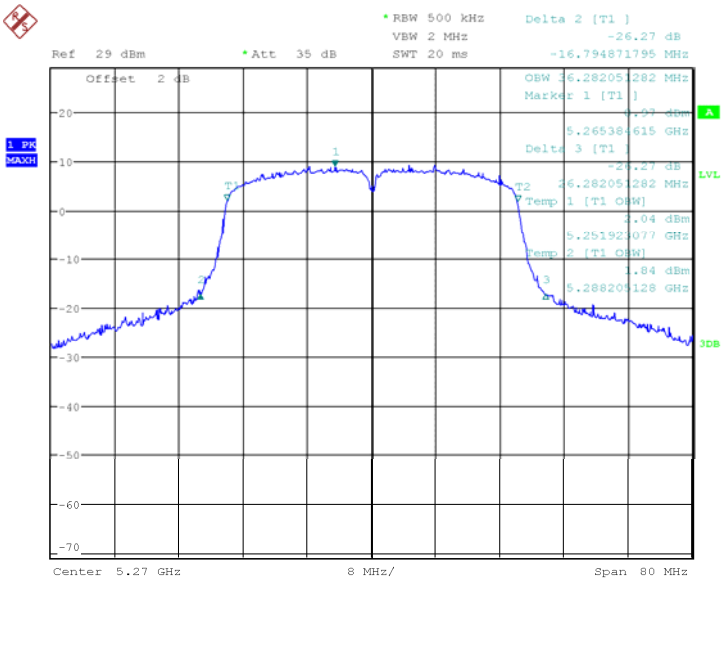

Fig. 49 Occupied Bandwidth 802.11ac 40Mz CH54

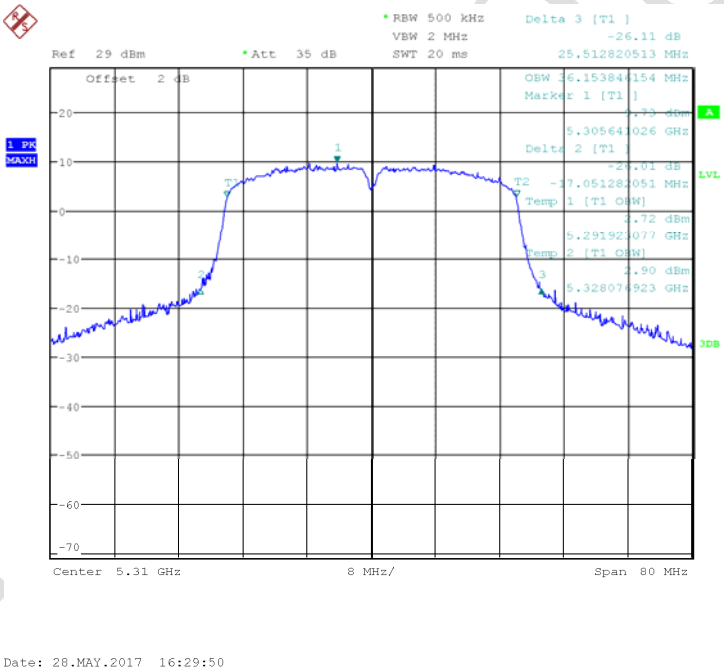

Fig. 50 Occupied Bandwidth 802.11ac 40Mz CH62

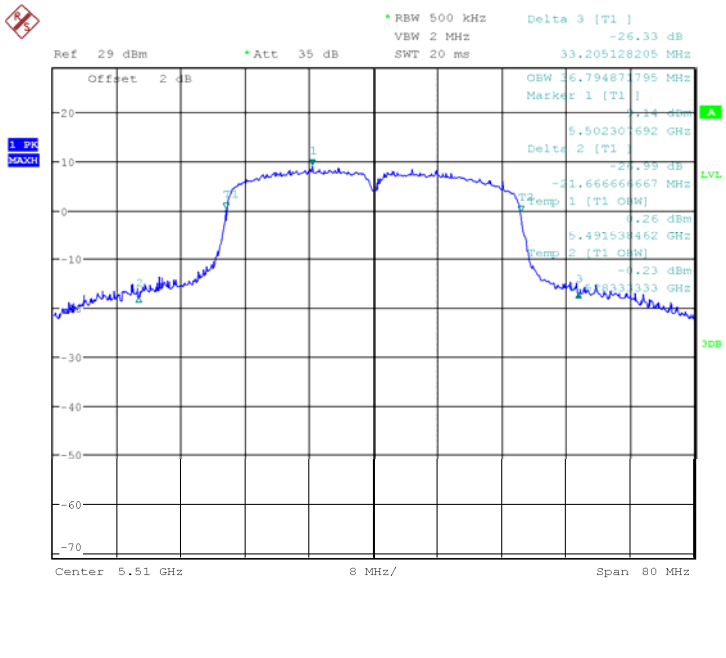

Fig. 51 Occupied Bandwidth 802.11ac 40Mz CH102

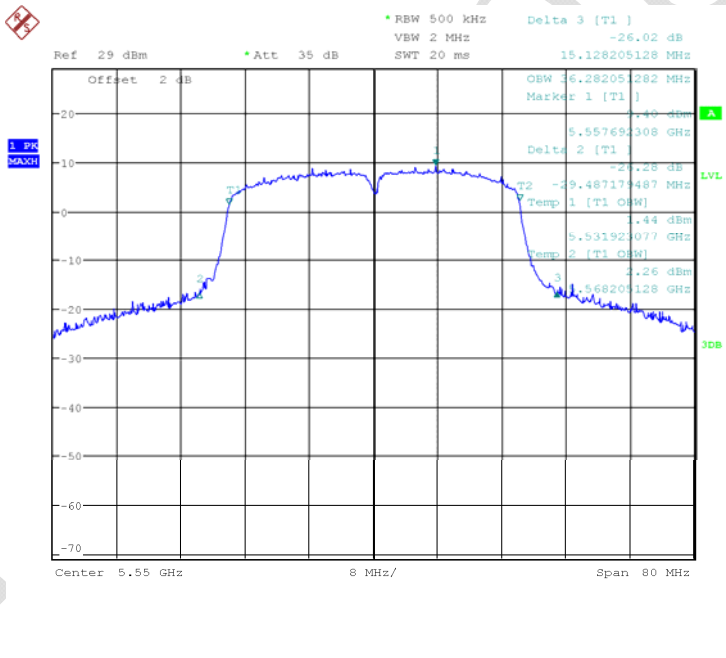

Fig. 52 Occupied Bandwidth 802.11ac 40Mz CH110

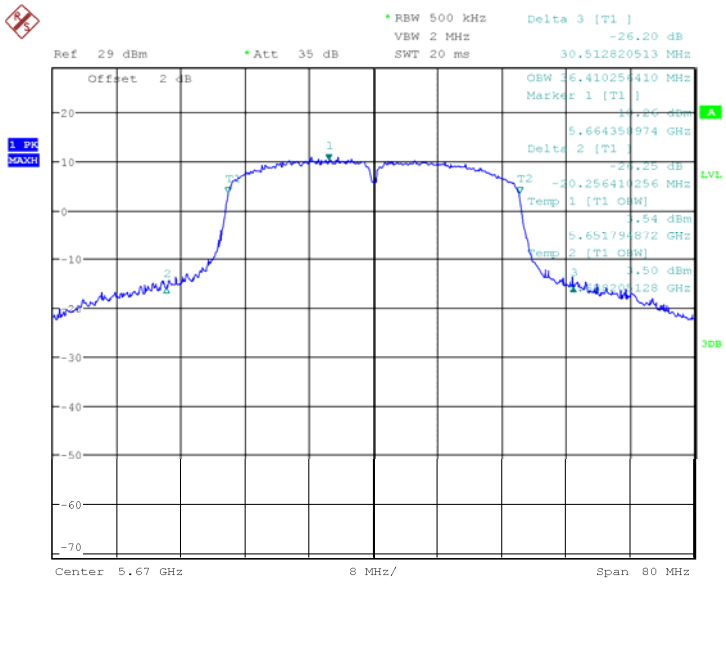

Fig. 53 Occupied Bandwidth 802.11ac 40Mz CH134

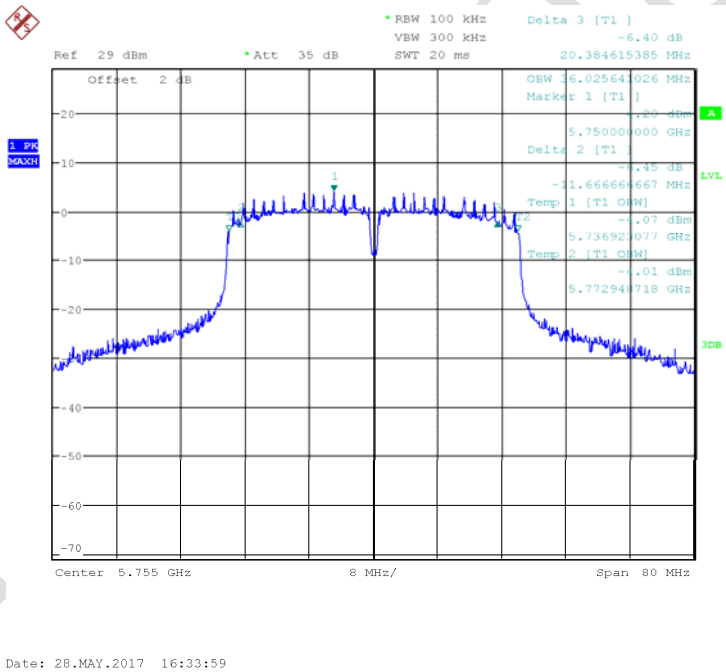

Fig. 54 Occupied Bandwidth 802.11ac 40Mz CH151

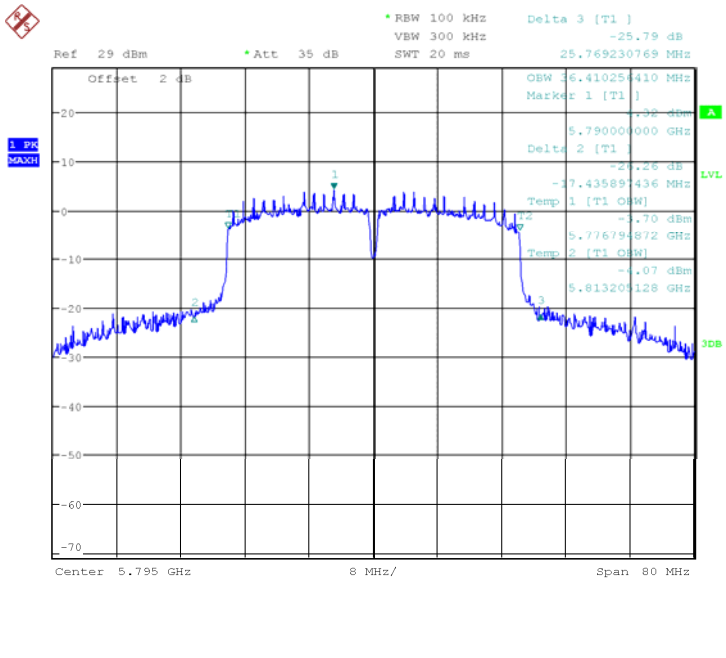

Fig. 55 Occupied Bandwidth 802.11ac 40Mz CH159

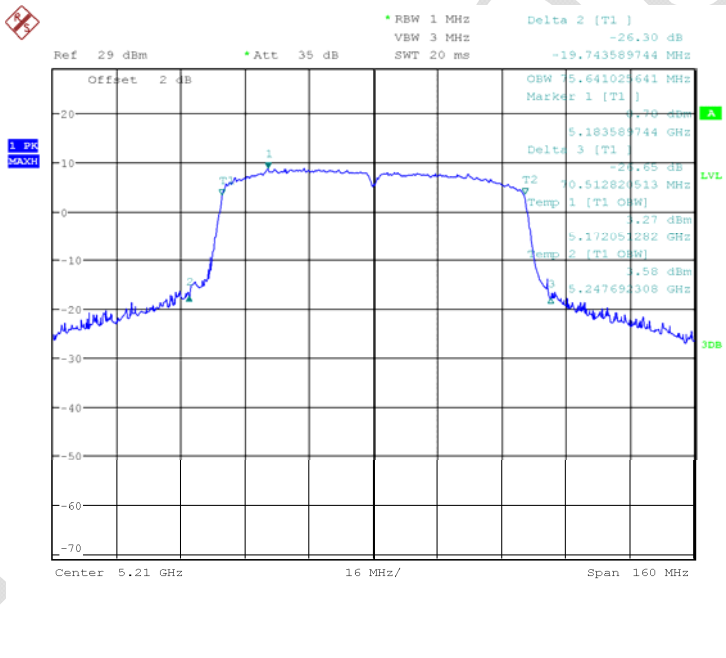

Fig. 56 Occupied Bandwidth 802.11ac 80Mz CH42

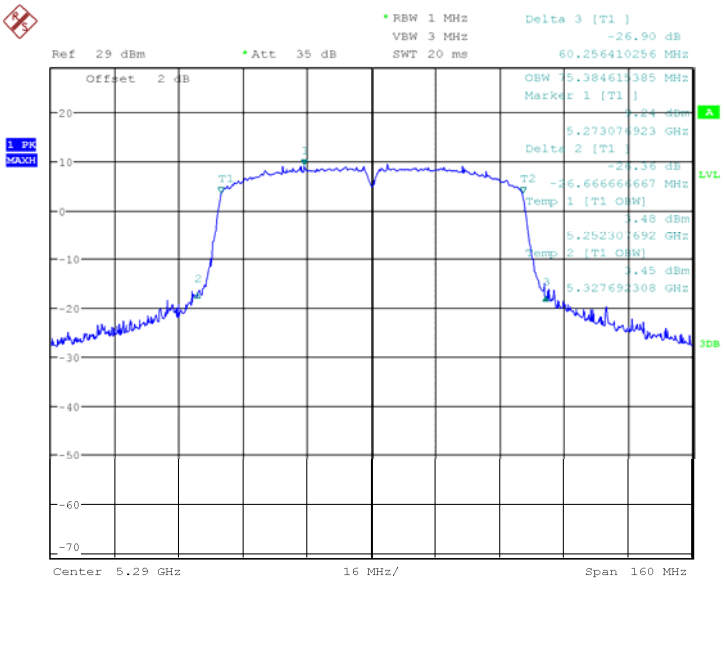

Fig. 57 Occupied Bandwidth 802.11ac 80Mz CH58

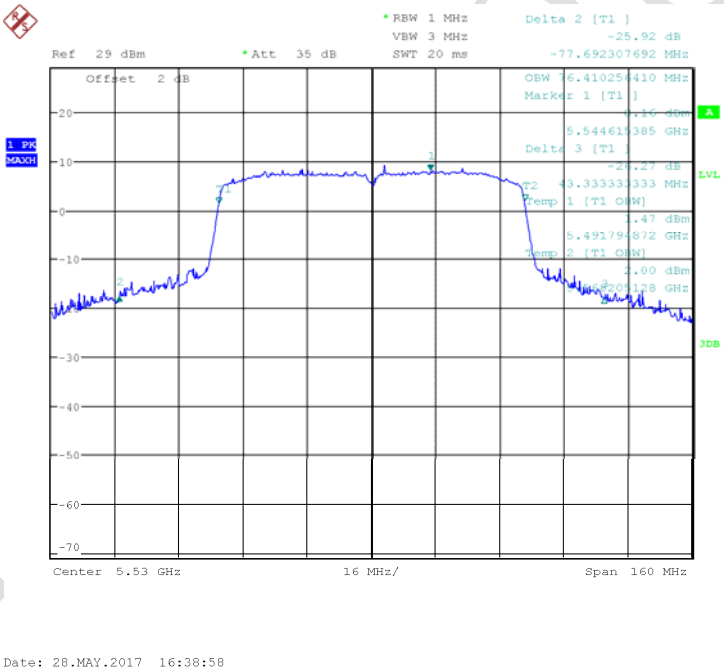

Fig. 58 Occupied Bandwidth 802.11ac 80Mz CH106

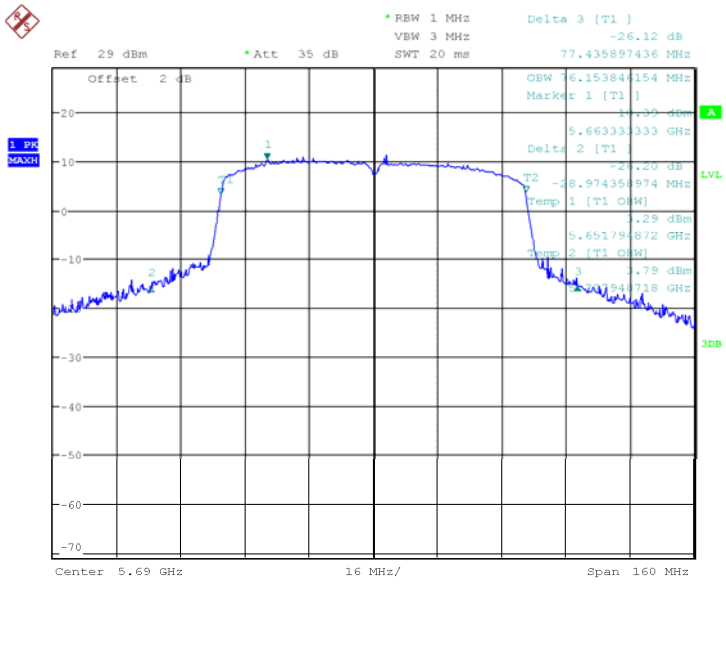

Fig. 59 Occupied Bandwidth 802.11ac 80Mz CH138

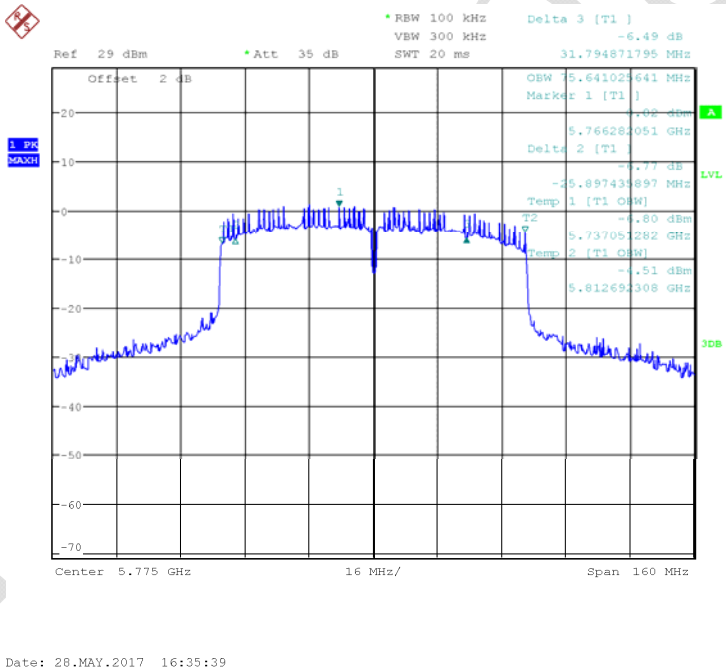

Fig. 60 Occupied Bandwidth 802.11ac 80Mz CH155

5.4 Band Edges Compliance

Specifications:	FCC Part 15. 407 (b)
DUT Serial Number:	S7/18: 862851030000163/862851030020161
Test conditions:	Ambient Temperature:15℃-35℃ Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	Pass

According to Part 15.407(b)

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band:

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

Note: --

Test Result:

802.11 a mode ANT1

mode	Channel	Test Results(dBuV/m)			Conclusion
802.11a	36	Peak	5150.000MHz	47.463	Pass
		Average	5150.000MHz	32.896	
		Fig. 61			
	64	Peak	5350.000MHz	50.835	Pass
		Average	5350.000MHz	35.056	
		Fig. 62			

802.11 a mode ANT2

mode	Channel	Test Results(dBuV/m)			Conclusion
802.11a	36	Peak	5150.000MHz	44.845	Pass
		Average	5150.000MHz	31.791	

		Fig. 63			
	64	Peak	5350.000MHz	46.899	Pass
		Average	5350.000MHz	35.188	
		Fig. 64			

802.11 a mode ANT1

mode	Channel	Test Results(dBuV/m)			Conclusion
802.11a	100	Peak	5470.000MHz	48.665	Pass
		Average	5470.000MHz	36.665	
		Fig. 65			
	144	Peak	5750.000MHz	48.971	Pass
		Average	5750.000MHz	35.563	
		Fig. 66			

802.11 a mode ANT2

mode	Channel	Test Results(dBuV/m)			Conclusion
802.11a	100	Peak	5470.000MHz	48.822	Pass
		Average	5470.000MHz	36.438	
		Fig. 67			
	144	Peak	5750.000MHz	42.755	Pass
		Average	5750.000MHz	31.649	
		Fig. 68			

802.11 a mode ANT1

mode	Channel	Test Results(dBuV/m)			Conclusion
802.11a	149	Peak	5720.000MHz	44.503	Pass
		Average	5720.000MHz	31.363	
		Fig. 69			
	165	Peak	5850.000MHz	41.814	Pass
		Average	5850.000MHz	30.777	
		Fig. 70			

802.11 a mode ANT2

mode	Channel	Test Results(dBuV/m)	Conclusion

802.11a	149	Peak	5720.000MHz	49.516	Pass
		Average	5720.000MHz	36.222	
		Fig. 71			
	165	Peak	5850.000MHz	49.425	Pass
		Average	5850.000MHz	34.526	
		Fig. 72			

802.11 n mode ANT1

mode	Channel	Test Results(dBuV/m)			Conclusion
802.11n (20MHz)	36	Peak	5150.000MHz	47.204	Pass
		Average	5150.000MHz	34.808	
		Fig. 73			
	64	Peak	5350.000MHz	46.652	Pass
		Average	5350.000MHz	32.730	
		Fig. 74			
802.11n (40MHz)	38	Peak	5150.000MHz	58.556	Pass
		Average	5150.000MHz	48.057	
		Fig. 75			
	62	Peak	5350.000MHz	56.228	Pass
		Average	5350.000MHz	39.842	
		Fig. 76			

802.11 n mode ANT2

mode	Channel	Test Results(dBuV/m)			Conclusion
802.11n (20MHz)	36	Peak	5150.000MHz	46.552	Pass
		Average	5150.000MHz	36.484	
		Fig. 77			
	64	Peak	5350.000MHz	48.017	Pass
		Average	5350.000MHz	53.413	
		Fig. 78			
802.11n (40MHz)	38	Peak	5150.000MHz	53.583	Pass
		Average	5150.000MHz	37.369	

		Fig. 79			
	62	Peak	5350.000MHz	56.025	Pass
		Average	5350.000MHz	37.018	
		Fig. 80			

802.11 n mode ANT1

mode	Channel	Test Results(dBuV/m)			Conclusion
802.11n (20MHz)	100	Peak	5470.000MHz	47.903	Pass
		Average	5470.000MHz	34.346	
		Fig. 81			
	144	Peak	5750.000MHz	43.115	Pass
		Average	5750.000MHz	30.853	
		Fig. 82			
802.11n (40MHz)	102	Peak	5470.000MHz	44.034	Pass
		Average	5470.000MHz	31.574	
		Fig. 83			
	142	Peak	5750.000MHz	54.842	Pass
		Average	5750.000MHz	36.511	
		Fig. 84			

802.11 n mode ANT2

mode	Channel	Test Results(dBuV/m)			Conclusion
802.11n (20MHz)	100	Peak	5470.000MHz	50.062	Pass
		Average	5470.000MHz	36.874	
		Fig. 85			
	144	Peak	5750.000MHz	48.350	Pass
		Average	5750.000MHz	33.491	
		Fig. 86			
802.11n (40MHz)	102	Peak	5470.000MHz	59.744	Pass
		Average	5470.000MHz	41.587	
		Fig. 87			
	142	Peak	5750.000MHz	61.530	Pass

		Average	5750.000MHz	40.170	
		Fig. 88			

802.11 n mode ANT1

mode	Channel	Test Results(dBuV/m)			Conclusion
802.11n (20MHz)	149	Peak	5720.000MHz	48.884	Pass
		Average	5720.000MHz	31.877	
		Fig. 89			
	165	Peak	5850.000MHz	41.596	Pass
		Average	5850.000MHz	29.744	
		Fig. 90			
802.11n (40MHz)	151	Peak	5720.000MHz	55.750	Pass
		Average	5720.000MHz	37.022	
		Fig. 91			
	159	Peak	5850.000MHz	46.636	Pass
		Average	5850.000MHz	31.561	
		Fig. 92			

802.11 n mode ANT2

mode	Channel	Test Results(dBuV/m)			Conclusion
802.11n (20MHz)	149	Peak	5720.000MHz	56.286	Pass
		Average	5720.000MHz	37.399	
		Fig. 93			
	165	Peak	5850.000MHz	49.183	Pass
		Average	5850.000MHz	33.120	
		Fig. 94			
802.11n (40MHz)	151	Peak	5720.000MHz	61.698	Pass
		Average	5720.000MHz	43.292	
		Fig. 95			
	159	Peak	5850.000MHz	45.758	Pass
		Average	5850.000MHz	31.292	
		Fig. 96			

802.11 ac mode ANT1

mode	Channel	Test Results(dBuV/m)			Conclusion
802.11ac (80MHz)	42	Peak	5150.000MHz	60.071	Pass
		Average	5150.000MHz	40.113	
		Fig. 97			
	56	Peak	5350.000MHz	56.258	Pass
		Average	5350.000MHz	36.444	
		Fig. 98			

802.11 ac mode ANT2

mode	Channel	Test Results(dBuV/m)			Conclusion
802.11ac (80MHz)	42	Peak	5150.000MHz	54.818	Pass
		Average	5150.000MHz	36.598	
		Fig. 99			
	56	Peak	5350.000MHz	57.809	Pass
		Average	5350.000MHz	37.508	
		Fig. 100			

802.11 ac mode ANT1

mode	Channel	Test Results(dBuV/m)			Conclusion
802.11ac (80MHz)	106	Peak	5470.000MHz	60.278	Pass
		Average	5470.000MHz	38.629	
		Fig. 101			
	138	Peak	5750.000MHz	53.994	Pass
		Average	5750.000MHz	35.048	
		Fig. 102			

802.11 ac mode ANT2

mode	Channel	Test Results(dBuV/m)			Conclusion
802.11ac (80MHz)	106	Peak	5470.000MHz	59.967	Pass
		Average	5470.000MHz	40.101	
		Fig. 103			
	138	Peak	5750.000MHz	60.019	Pass

		Average	5750.000MHz	39.909	
		Fig. 104			

802.11 ac mode ANT1

mode	Channel	Test Results(dBuV/m)			Conclusion
802.11ac (80MHz)	155	Peak	5730.000MHz	57.812	Pass
		Average	5730.000MHz	36.400	
		Fig. 105			
	155	Peak	5835.000MHz	47.675	Pass
		Average	5835.000MHz	30.434	
		Fig. 106			

802.11 ac mode ANT2

mode	Channel	Test Results(dBuV/m)			Conclusion
802.11ac (80MHz)	155	Peak	5730.000MHz	58.744	Pass
		Average	5730.000MHz	45.923	
		Fig. 107			
	155	Peak	5835.000MHz	53.176	Pass
		Average	5835.000MHz	41.076	
		Fig. 108			

MIMO mode

Mode	Channel	Test Results(dBuV/m)			Conclusion
MIMO (20MHz)	36	Peak	5150.000MHz	49.472	Pass
		Average	5150.000MHz	34.713	
		Fig. 109			
	64	Peak	5350.000MHz	46.259	Pass
		Average	5350.000MHz	34.918	
		Fig. 110			
MIMO (40MHz)	38	Peak	5150.000MHz	57.643	Pass
		Average	5150.000MHz	41.720	
		Fig. 111			
	62	Peak	5350.000MHz	58.279	Pass

		Average	5350.000MHz	39.842	
		Fig. 112			
MIMO (80MHz)	42	Peak	5150.000MHz	60.349	Pass
		Average	5150.000MHz	39.917	
		Fig. 113			
	56	Peak	5350.000MHz	57.152	Pass
		Average	5350.000MHz	36.877	
		Fig. 114			

MIMO mode

mode	Channel	Test Results(dBuV/m)			Conclusion
MIMO (20MHz)	100	Peak	5470.000MHz	48.166	Pass
		Average	5470.000MHz	33.798	
		Fig. 115			
	144	Peak	5750.000MHz	43.291	Pass
		Average	5750.000MHz	30.762	
		Fig. 116			
MIMO (40MHz)	102	Peak	5470.000MHz	59.744	Pass
		Average	5470.000MHz	41.949	
		Fig. 117			
	142	Peak	5750.000MHz	53.598	Pass
		Average	5750.000MHz	36.903	
		Fig. 118			
MIMO (80MHz)	106	Peak	5470.000MHz	59.967	Pass
		Average	5470.000MHz	40.138	
		Fig. 119			
	138	Peak	5750.000MHz	59.291	Pass
		Average	5750.000MHz	39.656	
		Fig. 120			

MIMO mode ANT1

mode	Channel	Test Results(dBuV/m)	Conclusion

MIMO (20MHz)	149	Peak	5725.000MHz	52.323	Pass
		Average	5725.000MHz	36.761	
		Fig. 121			
	165	Peak	5850.000MHz	43.374	Pass
		Average	5850.000MHz	30.101	
		Fig. 122			
MIMO (40MHz)	151	Peak	5725.000MHz	56.455	Pass
		Average	5725.000MHz	37.783	
		Fig. 123			
	159	Peak	5850.000MHz	50.780	Pass
		Average	5850.000MHz	33.648	
		Fig. 124			
MIMO (80MHz)	155	Peak	5730.000MHz	58.744	Pass
		Average	5730.000MHz	45.923	
		Fig. 125			
	155	Peak	5835.000MHz	53.176	Pass
		Average	5835.000MHz	41.076	
		Fig. 126			

RE 3GHz-6GHz

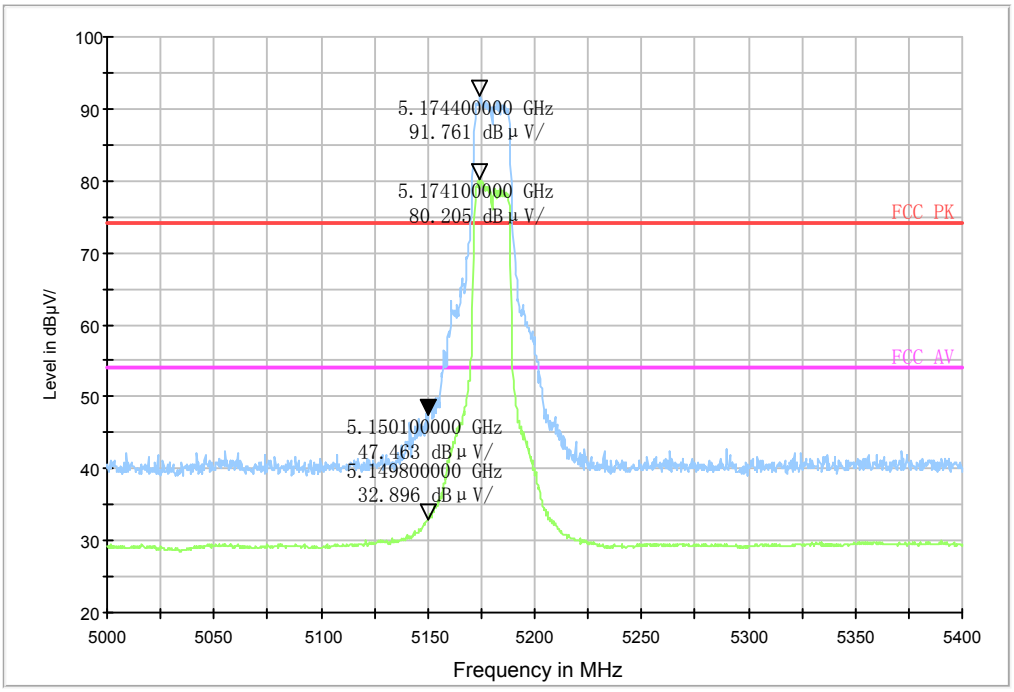

Fig. 265 Frequency Band Edge: Ch36,11a ANT1

RE 3GHz-6GHz

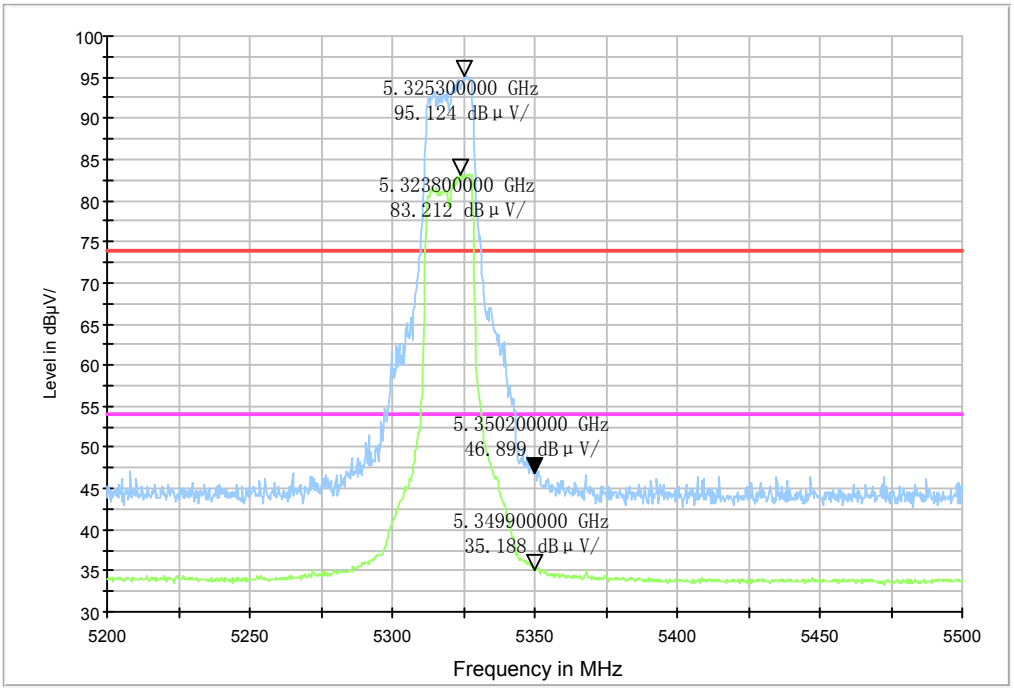

Fig. 266 Frequency Band Edge: Ch64,11a ANT1

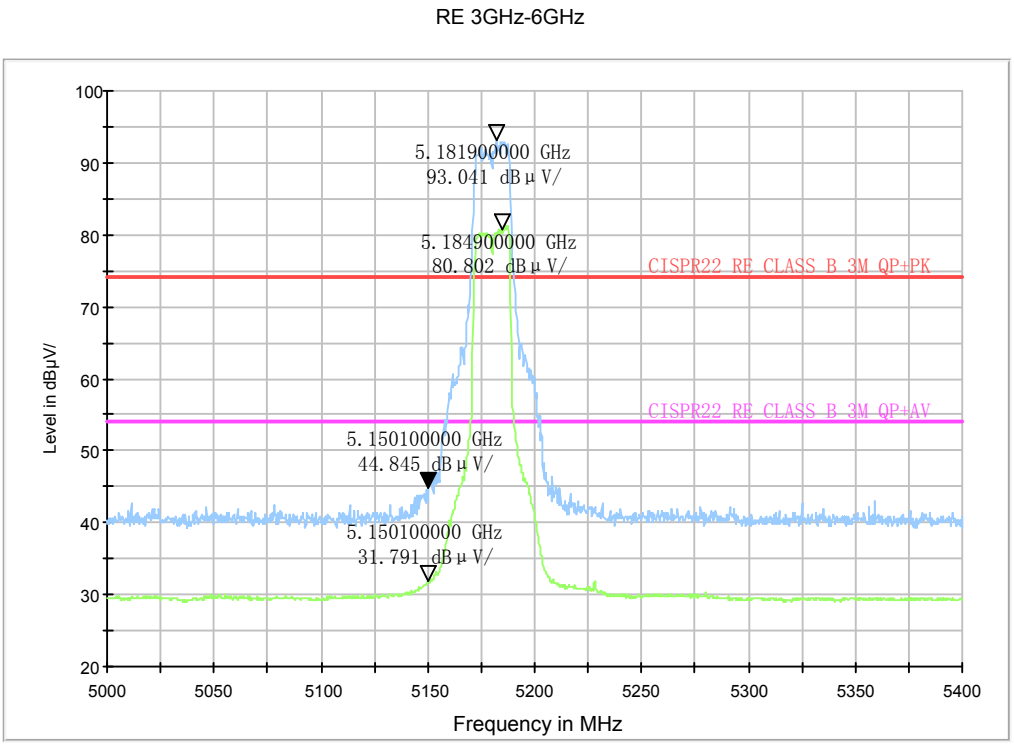

Fig. 267 Frequency Band Edge: Ch32,11a ANT2

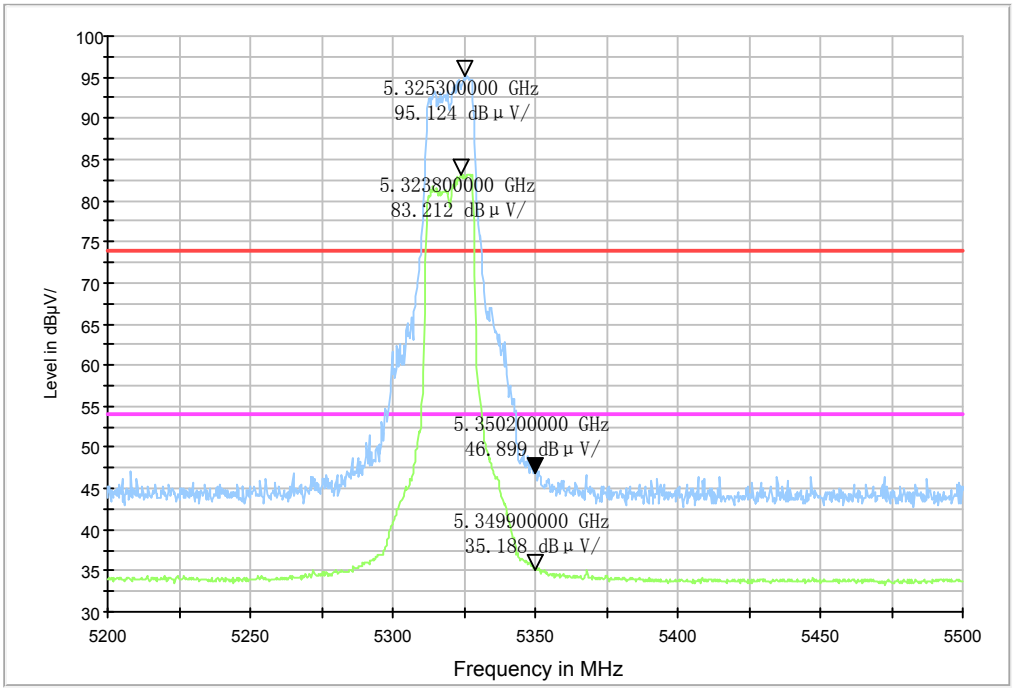

Fig. 268 Frequency Band Edge: Ch64,11a ANT2

RE 3GHz-6GHz

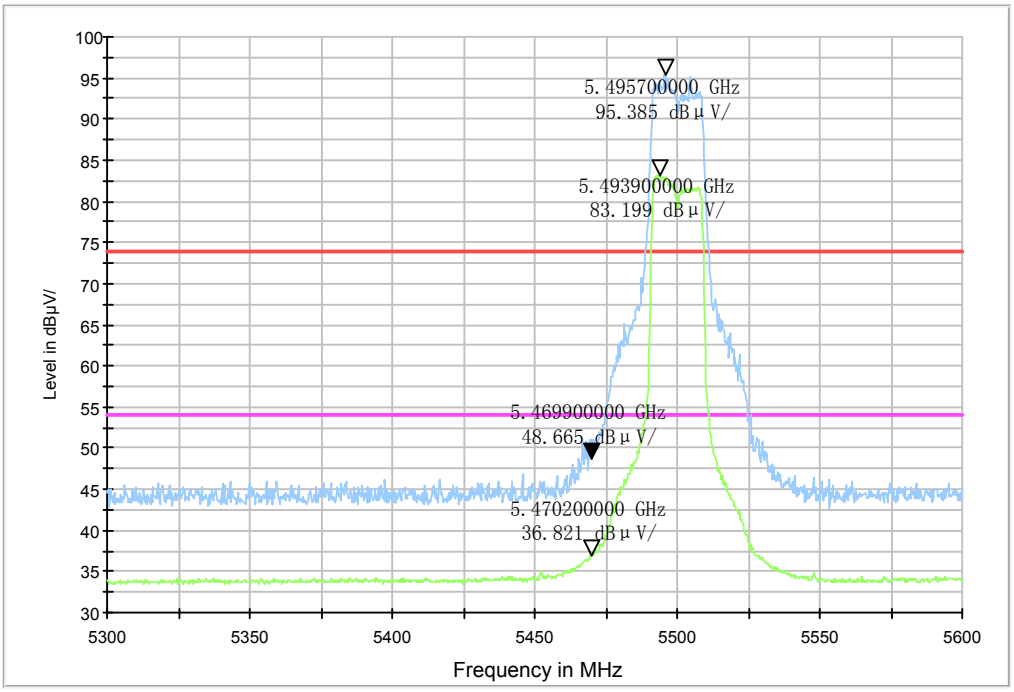

Fig. 269 Frequency Band Edge: Ch100,11a ANT1

RE 3GHz-6GHz

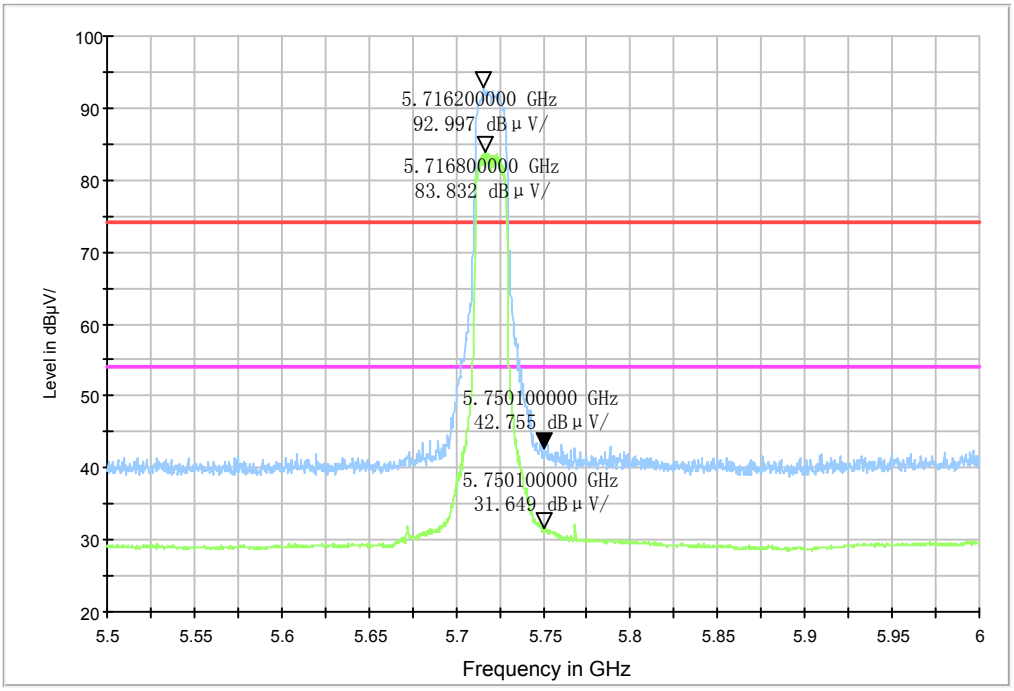

Fig. 270 Frequency Band Edge: Ch144,11a ANT1

RE 3GHz-6GHz

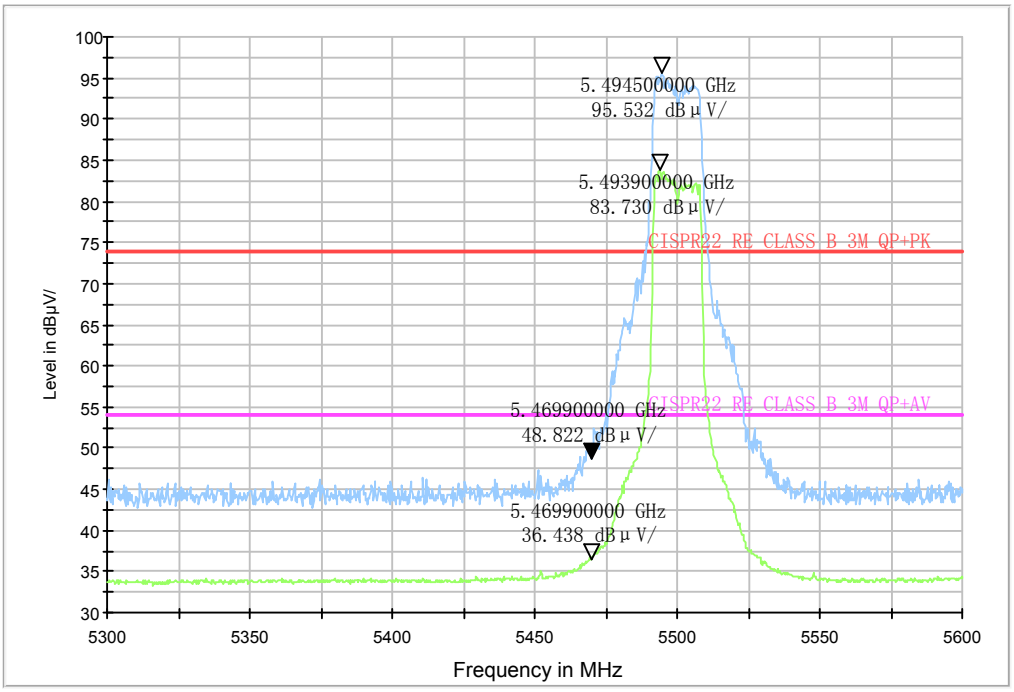

Fig. 271 Frequency Band Edge: Ch100,11a ANT2

RE 3GHz-6GHz

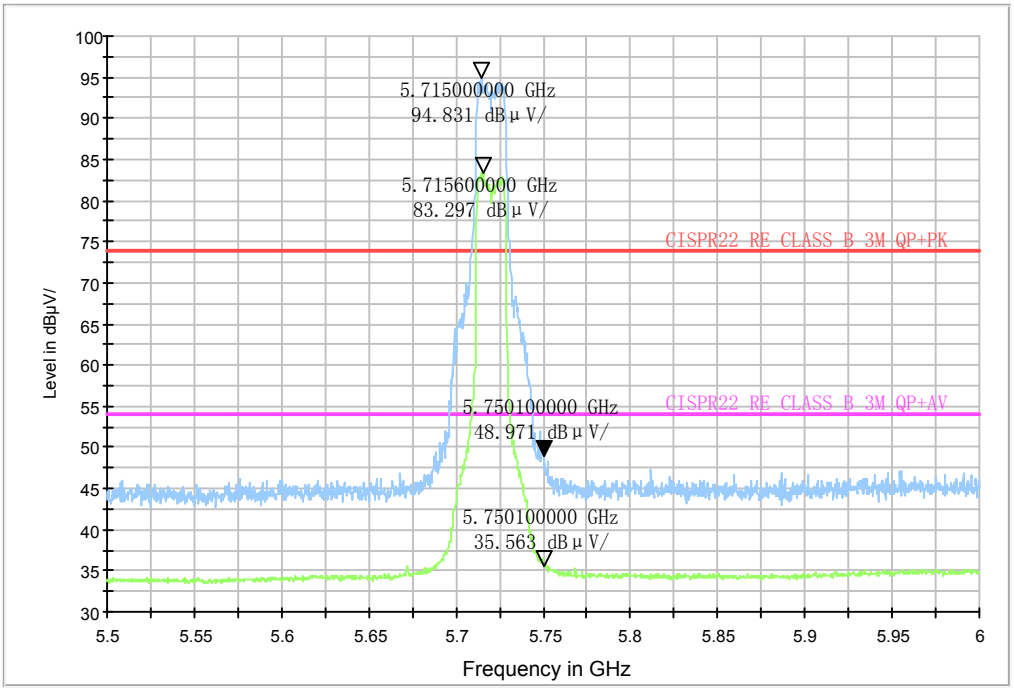

Fig. 272 Frequency Band Edge: Ch144,11a ANT2

RE 3GHz-6GHz

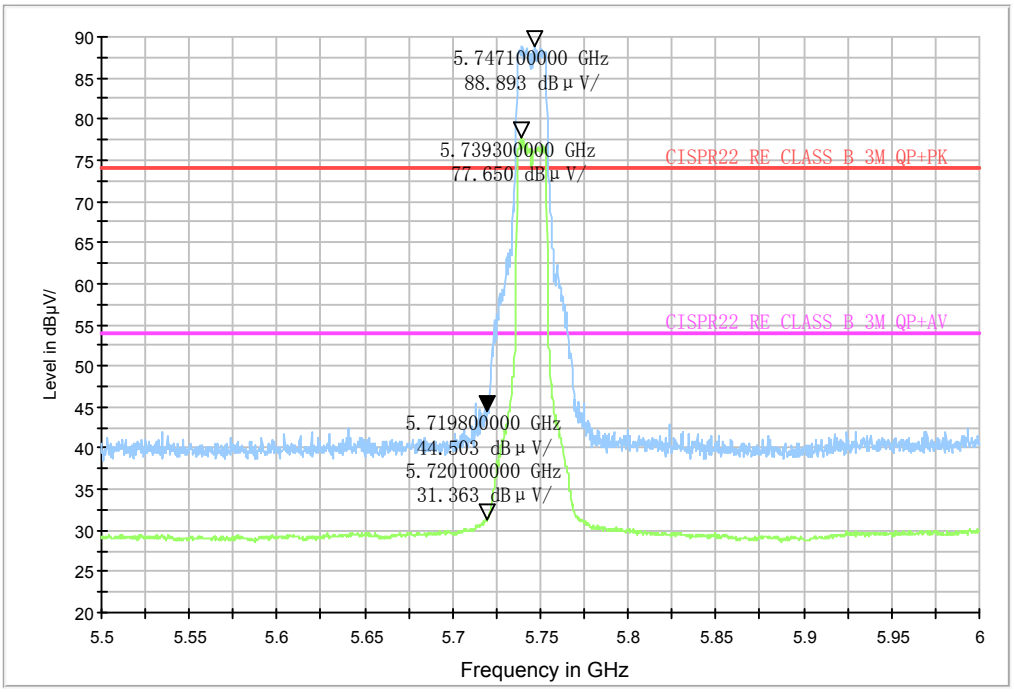

Fig. 273 Frequency Band Edge: Ch149,11a ANT1

RE 3GHz-6GHz

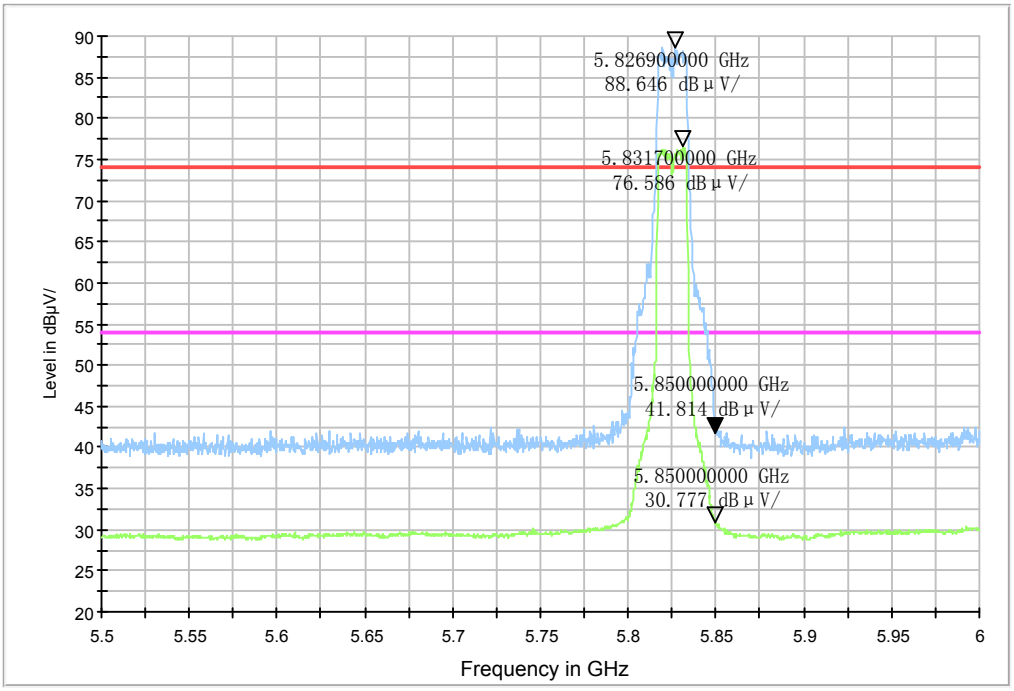

Fig. 274 Frequency Band Edge: Ch165,11a ANT1

RE 3GHz-6GHz

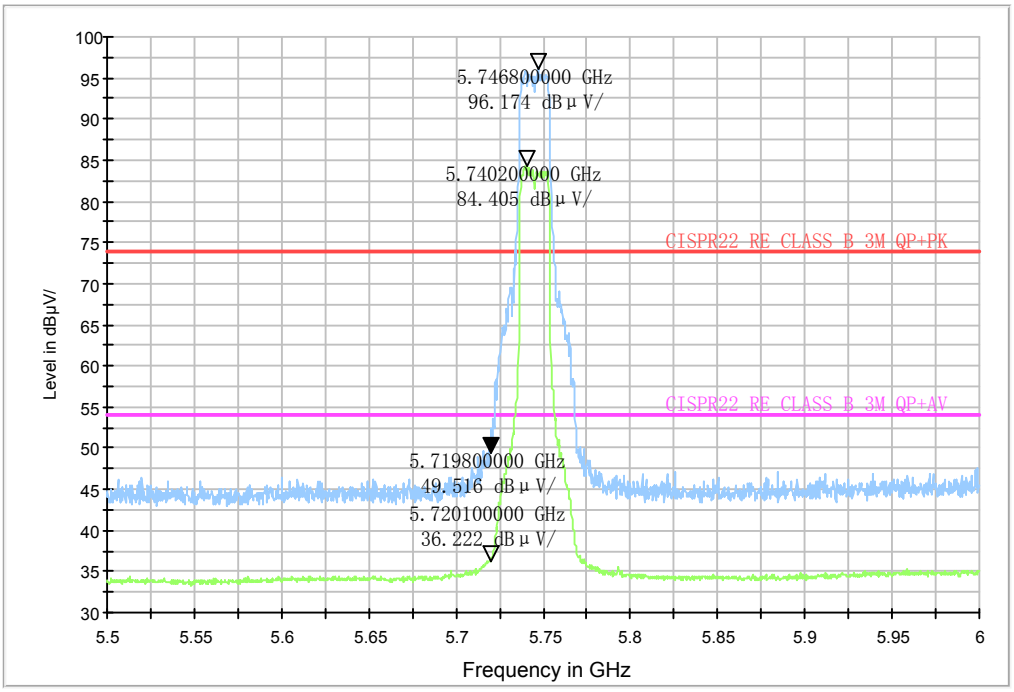

Fig. 275 Frequency Band Edge: Ch149,11a ANT2

RE 3GHz-6GHz

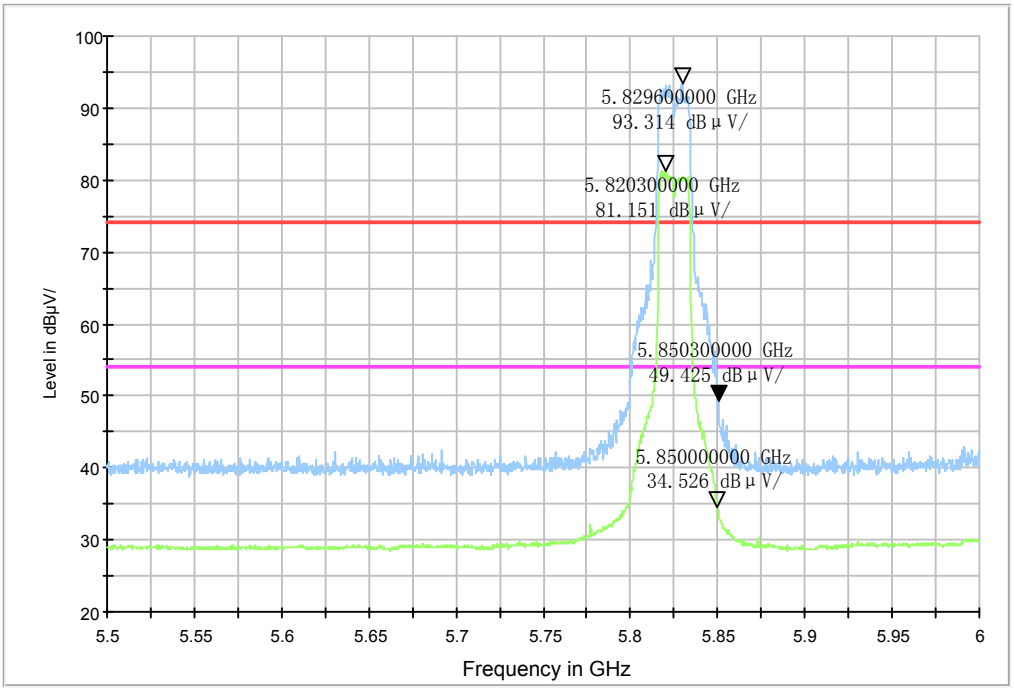

Fig. 276 Frequency Band Edge: Ch165,11a ANT2

RE 3GHz-6GHz

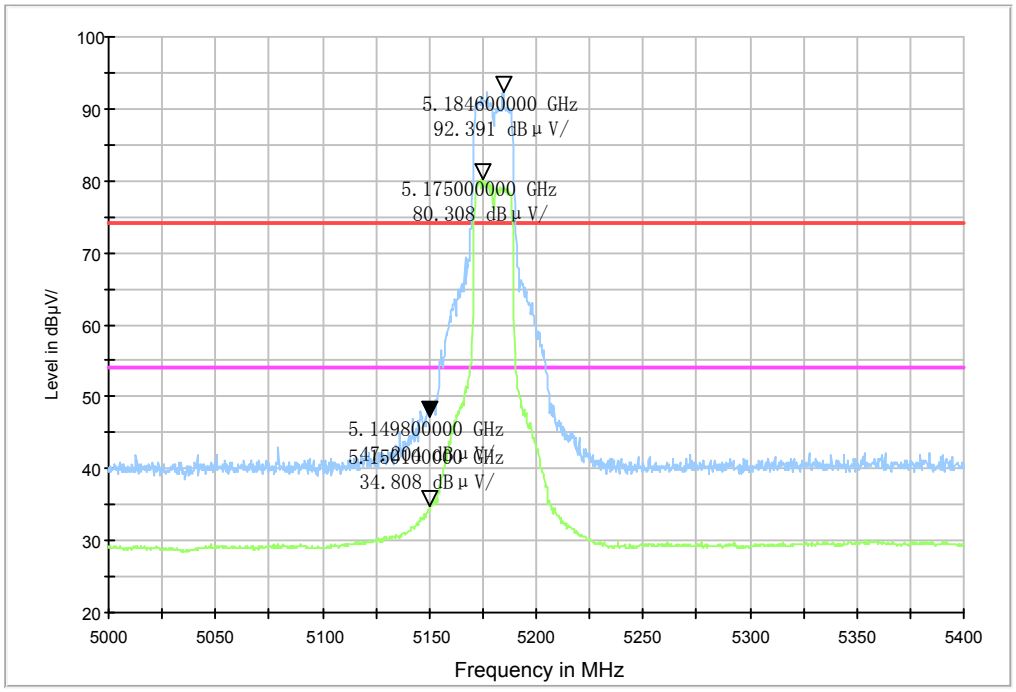

Fig. 277 Frequency Band Edge: Ch36,11n 20M ANT1

RE 3GHz-6GHz

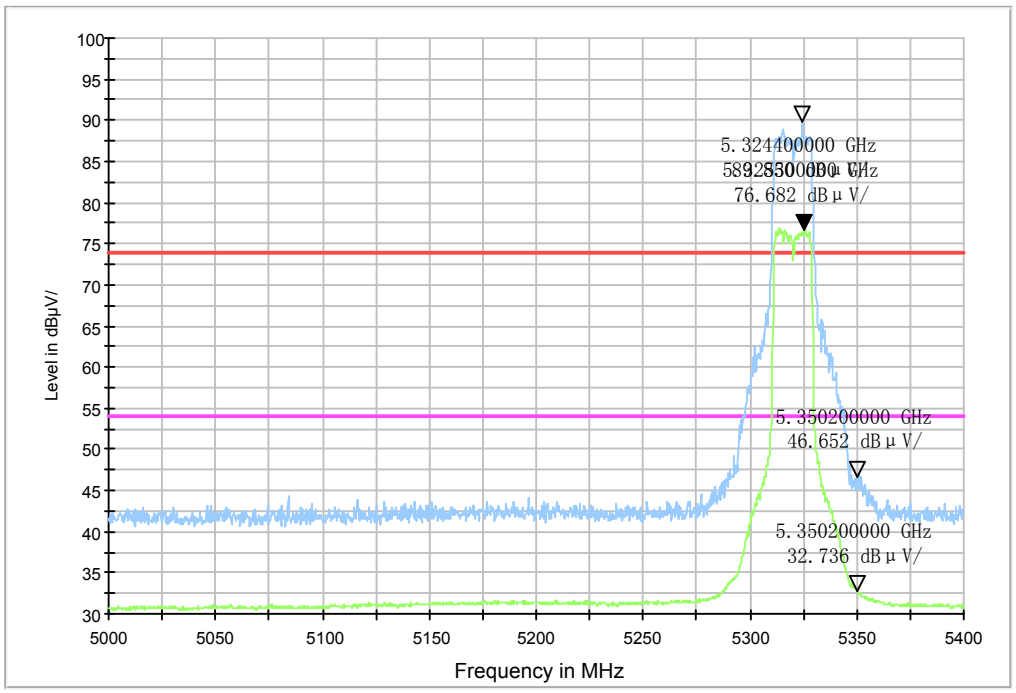

Fig. 278 Frequency Band Edge: Ch64,11n 20M ANT1

RE 3GHz-6GHz

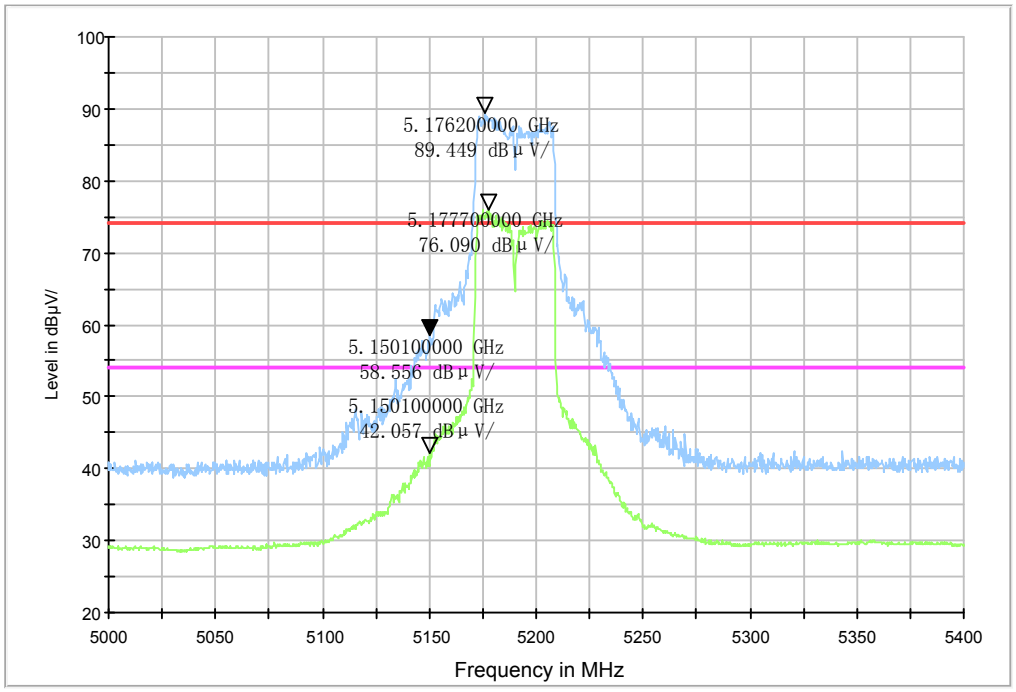

Fig 280 Frequency Band Edge: Ch38,11n 40M ANT1

RE 3GHz-6GHz

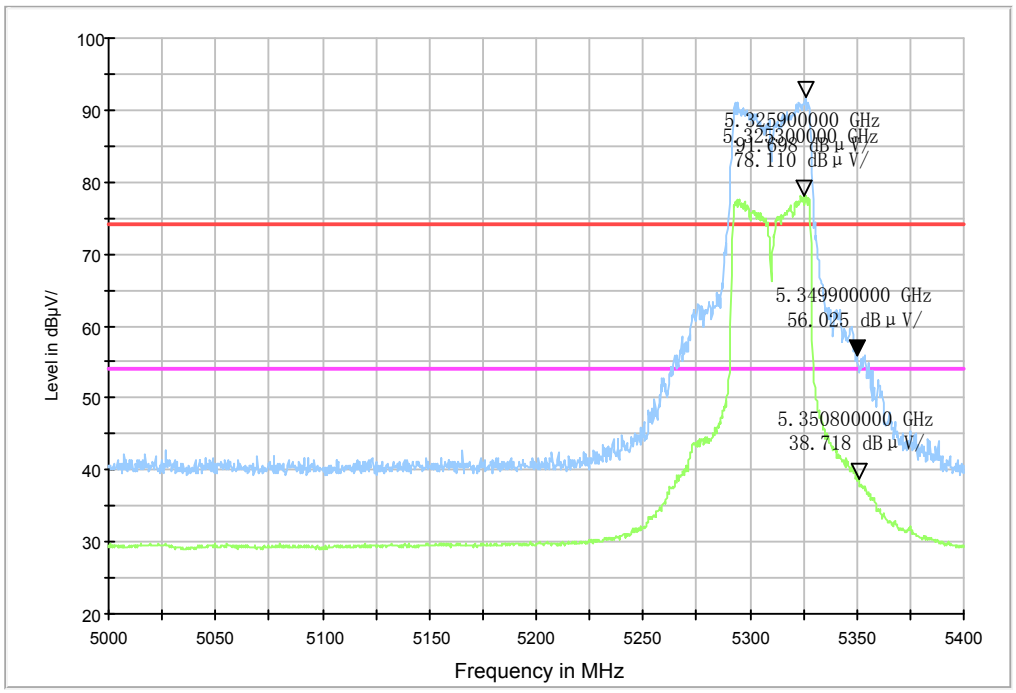

Fig 281 Frequency Band Edge: Ch62,11n 40M ANT1

RE 3GHz-6GHz

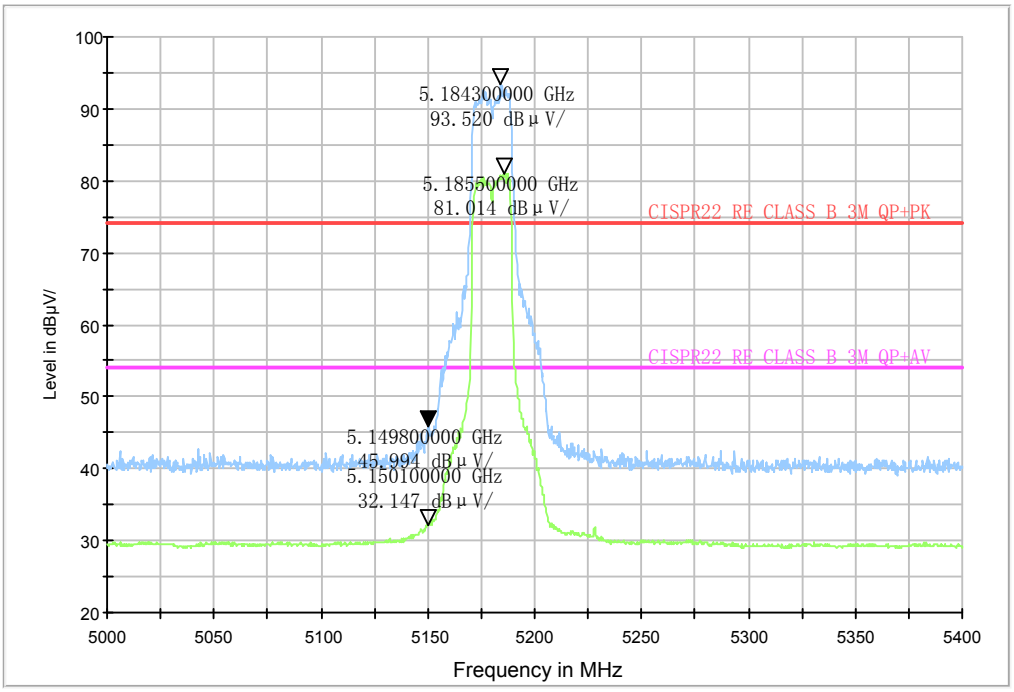

Fig 282 Frequency Band Edge: Ch36,11n 20M ANT2

RE 3GHz-6GHz

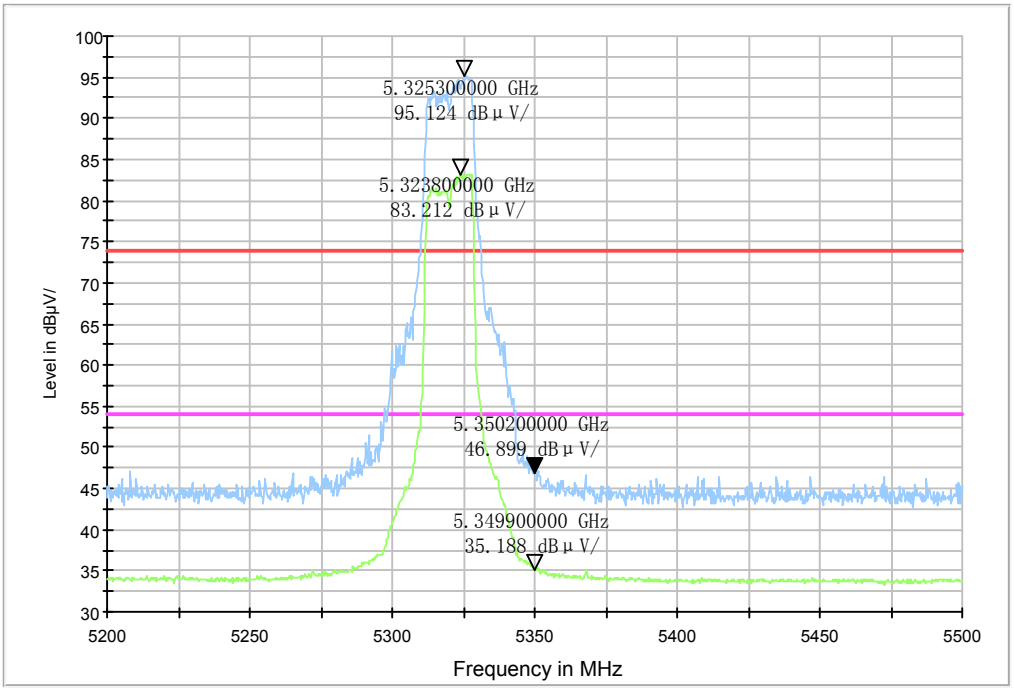

Fig 283 Frequency Band Edge: Ch64,11n 20M ANT2

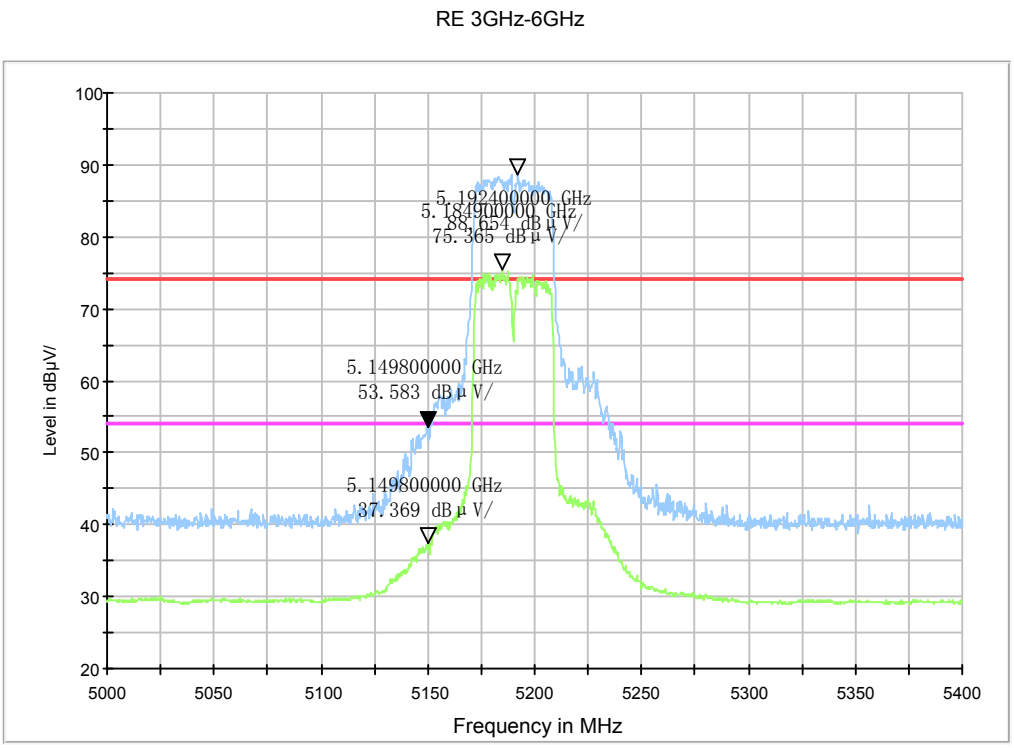

Fig 284 Frequency Band Edge: Ch38,11n 40M ANT2

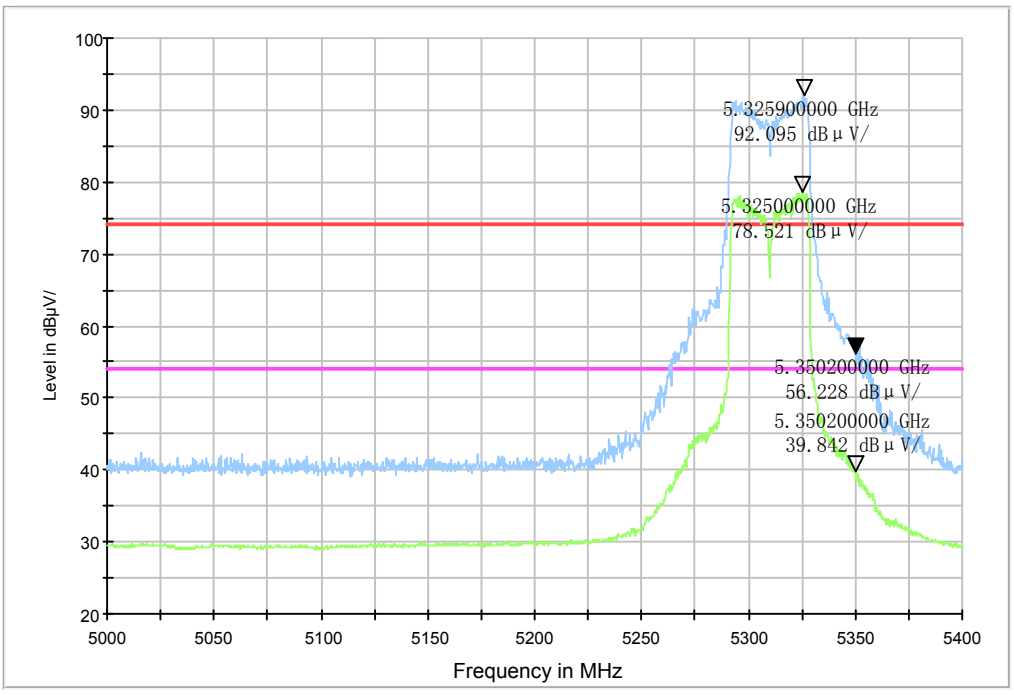

Fig 285 Frequency Band Edge: Ch62,11n 40M ANT2

RE 3GHz-6GHz

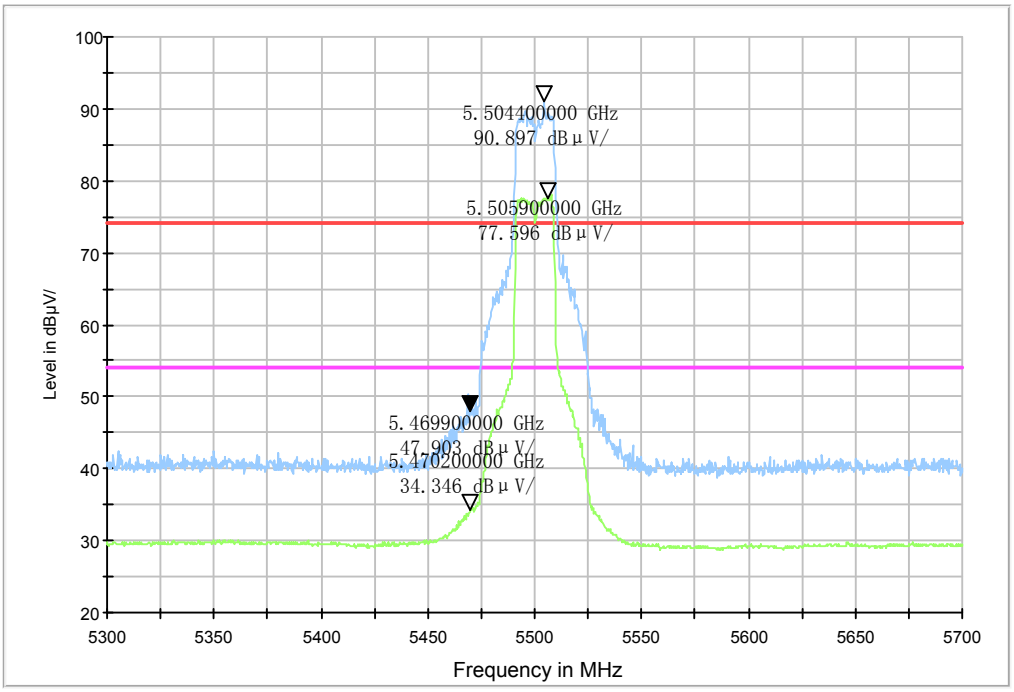

Fig 286 Frequency Band Edge: Ch100,11n 20M ANT1

RE 3GHz-6GHz

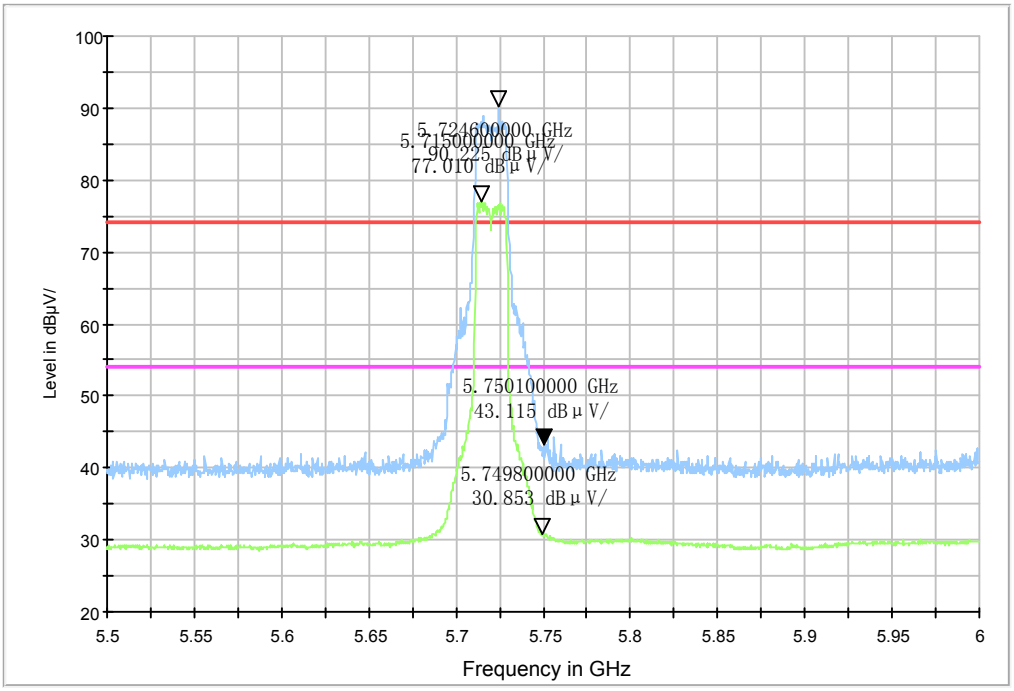

Fig 287 Frequency Band Edge: Ch144,11n 20M ANT1

RE 3GHz-6GHz

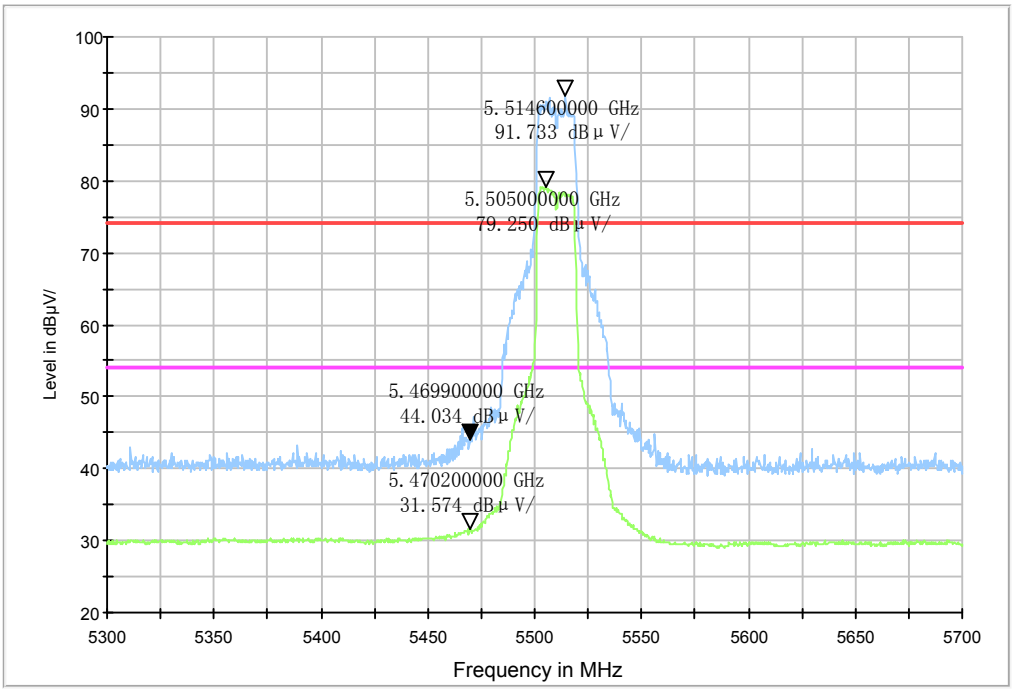

Fig 288 Frequency Band Edge: Ch102,11n 40M ANT1

RE 3GHz-6GHz

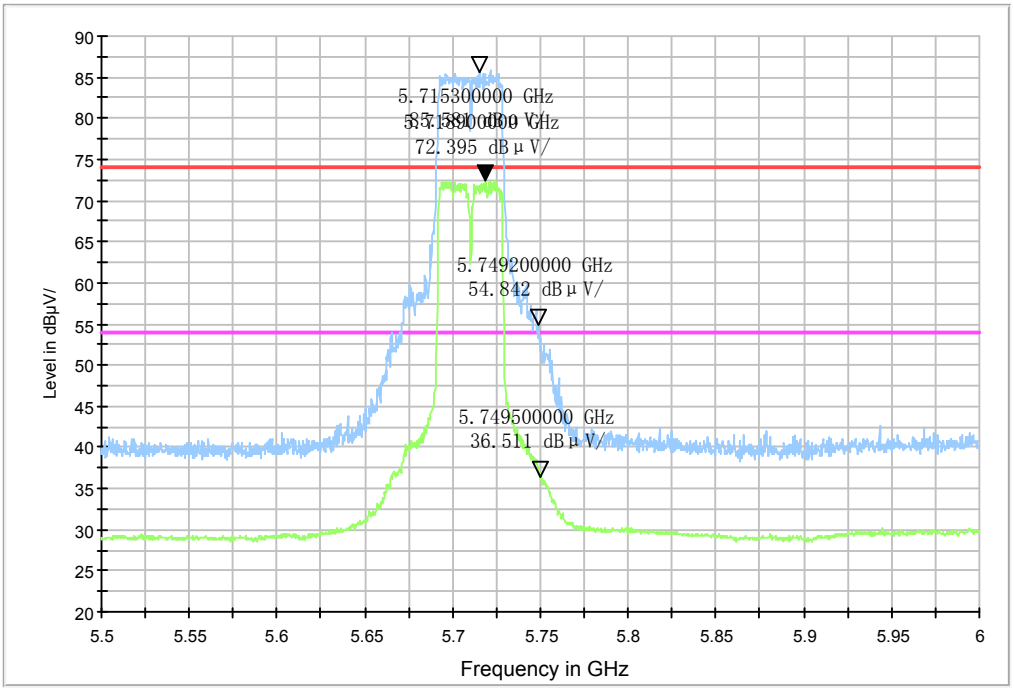

Fig 289 Frequency Band Edge: Ch142,11n 40M ANT1

RE 3GHz-6GHz

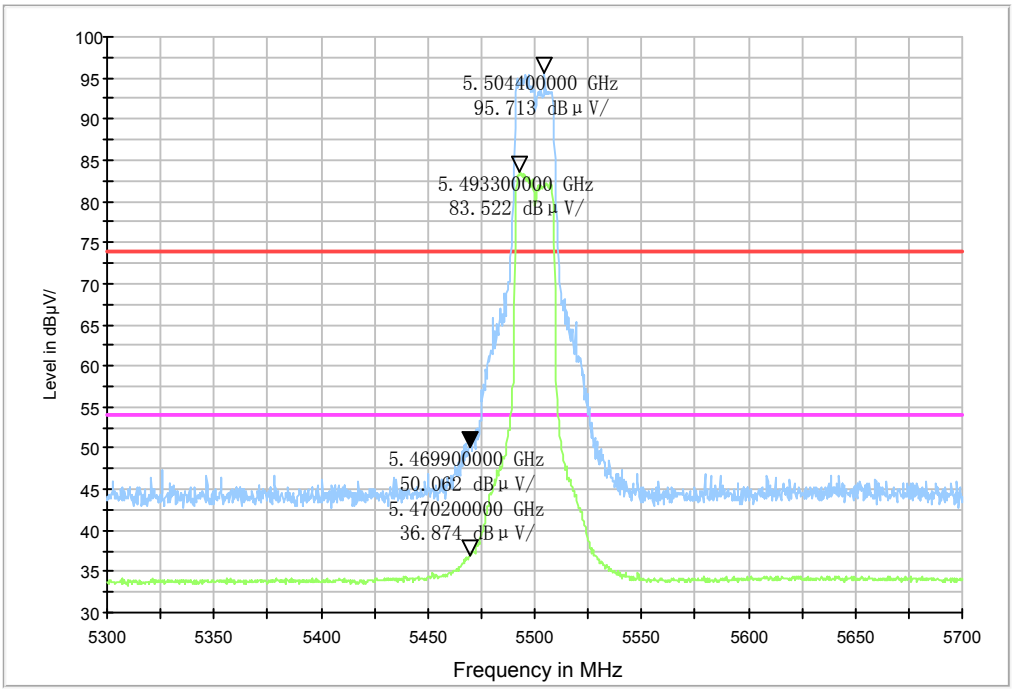

Fig 290 Frequency Band Edge: Ch100,11n 20M ANT2

RE 3GHz-6GHz

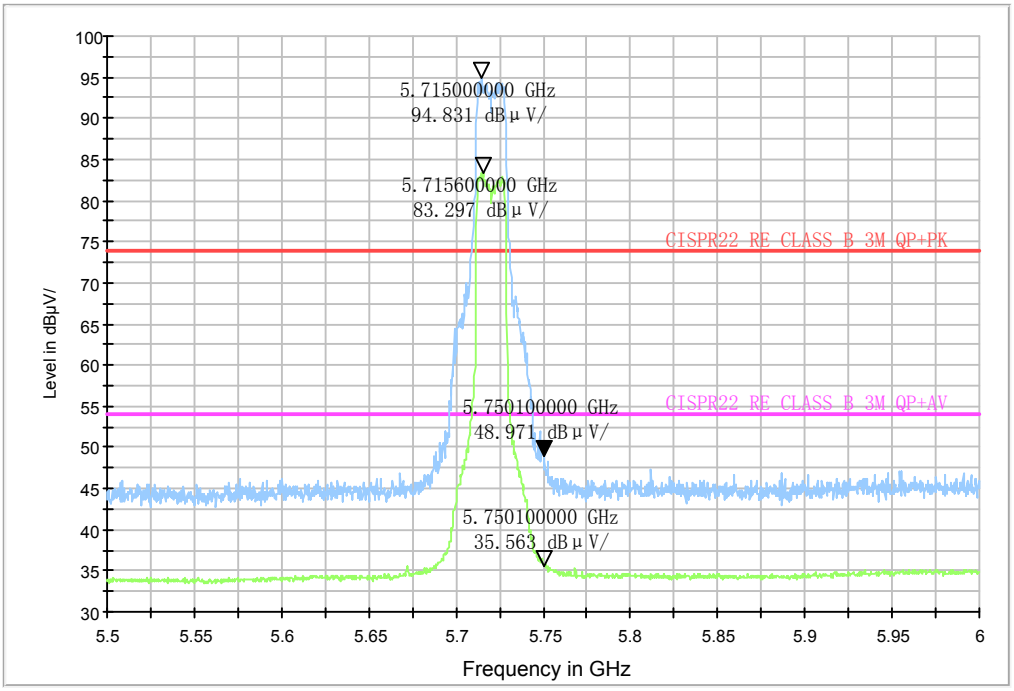

Fig 291 Frequency Band Edge: Ch144,11n 20M ANT2

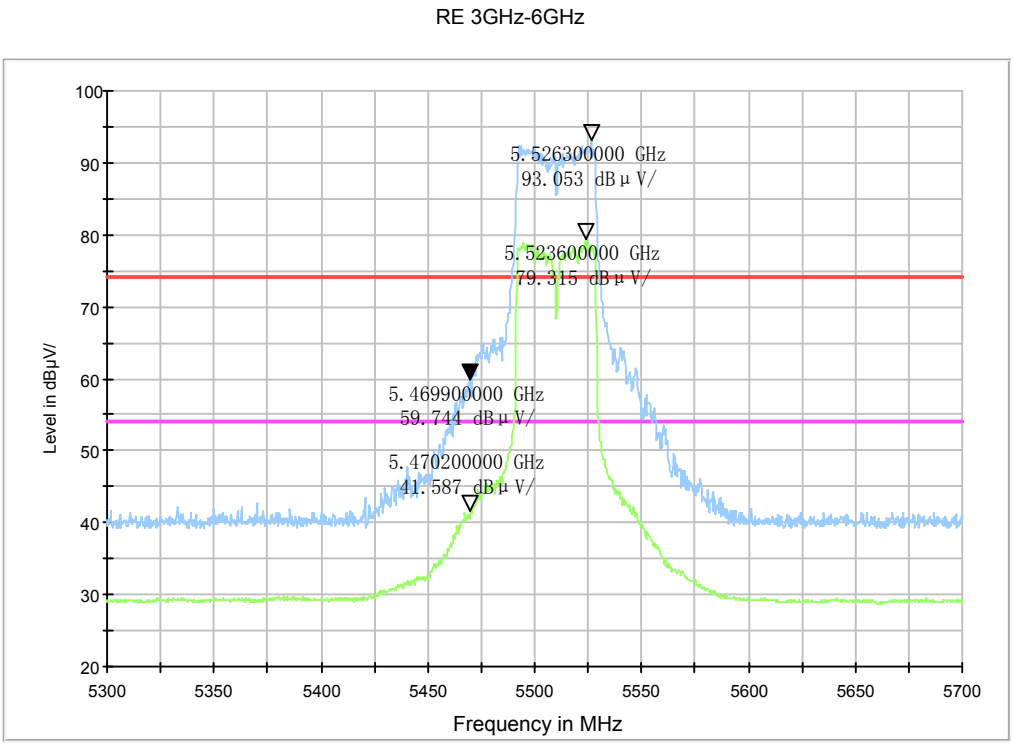

Fig 292 Frequency Band Edge: Ch102,11n 40M ANT2

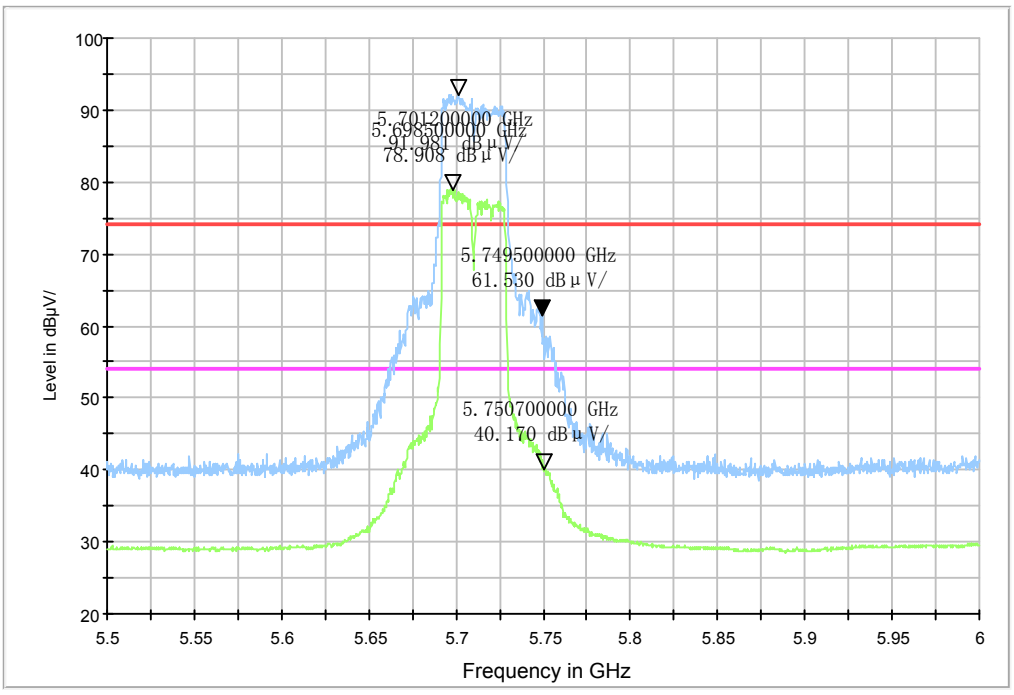

Fig 293 Frequency Band Edge: Ch142,11n 40M ANT2

RE 3GHz-6GHz

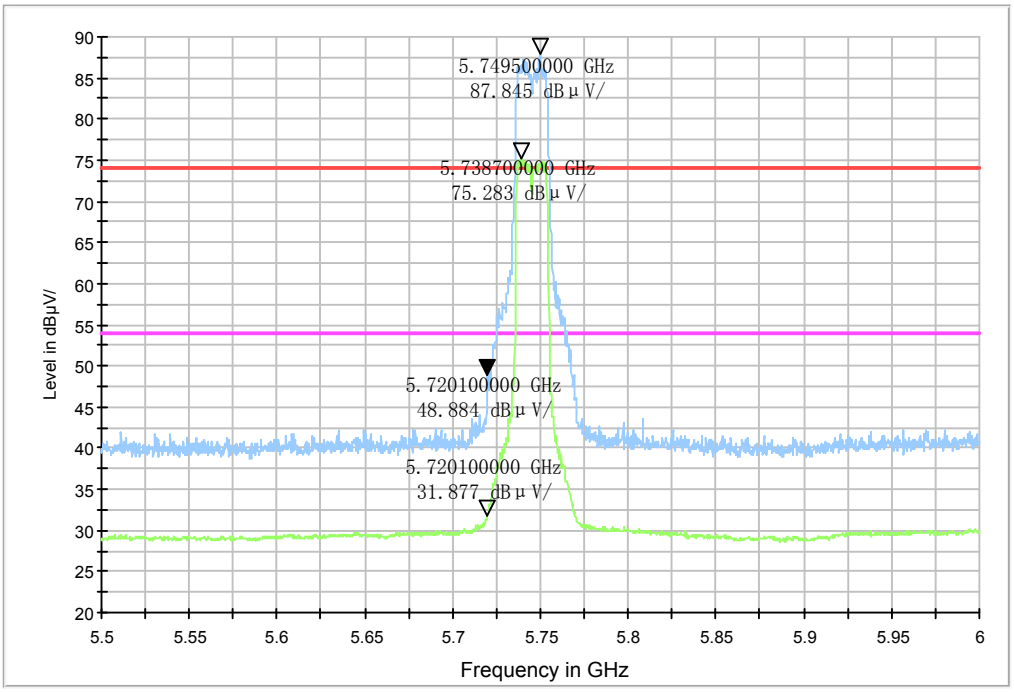

Fig 294 Frequency Band Edge: Ch149,11n 20M ANT1

RE 3GHz-6GHz

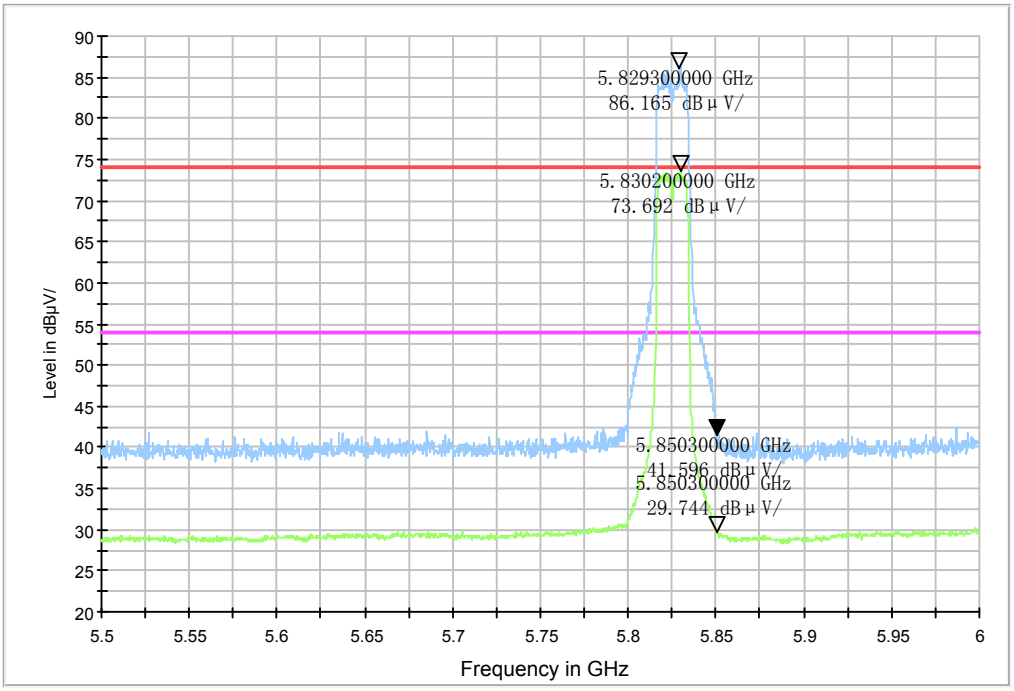

Fig 295 Frequency Band Edge: Ch165,11n 20M ANT1

RE 3GHz-6GHz

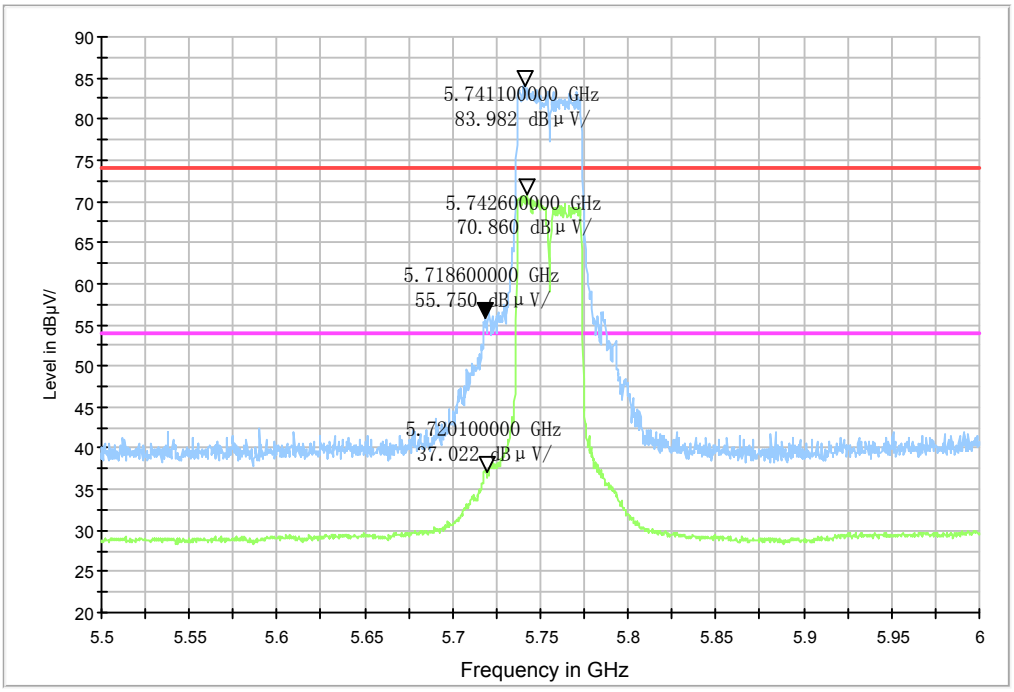

Fig 296 Frequency Band Edge: Ch151,11n 40M ANT1

RE 3GHz-6GHz

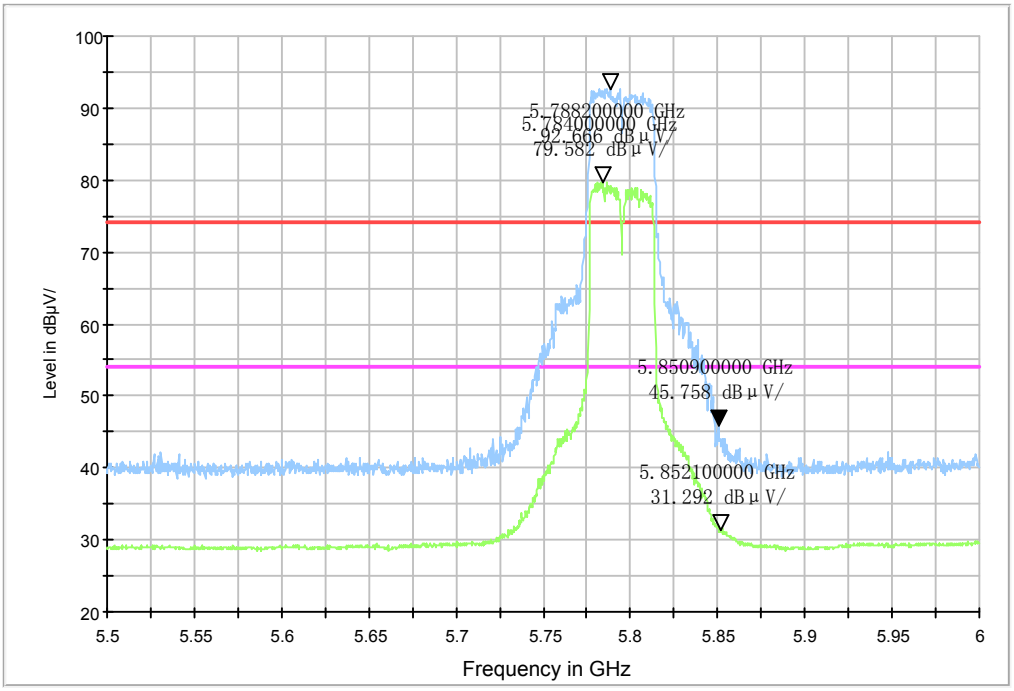

Fig 297 Frequency Band Edge: Ch159,11n 40M ANT1

RE 3GHz-6GHz

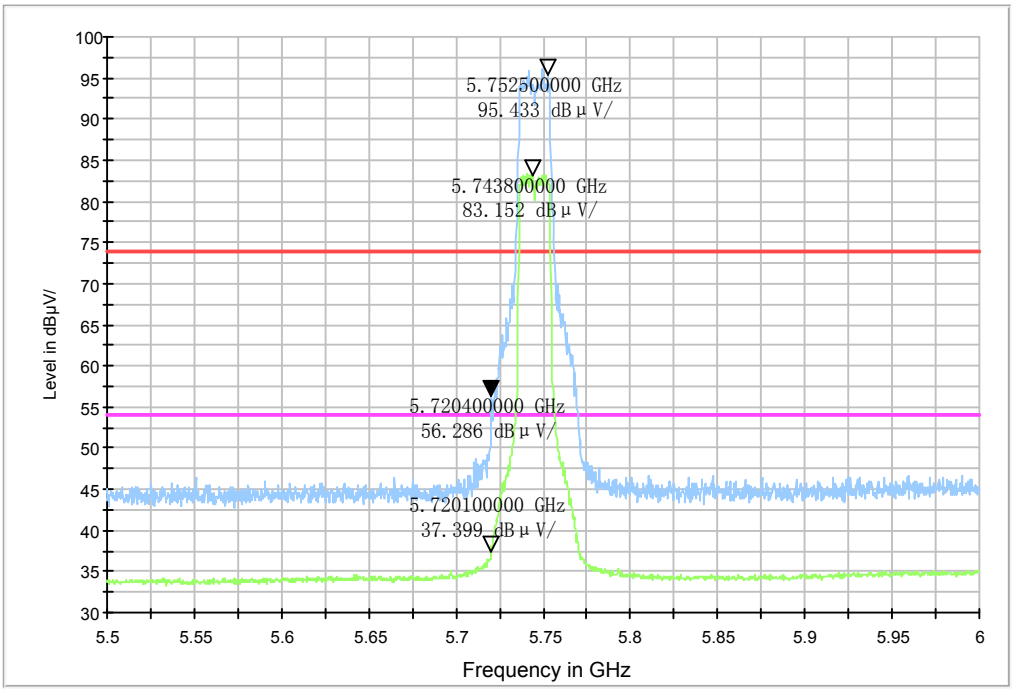

Fig 298 Frequency Band Edge: Ch149,11n 20M ANT2

RE 3GHz-6GHz

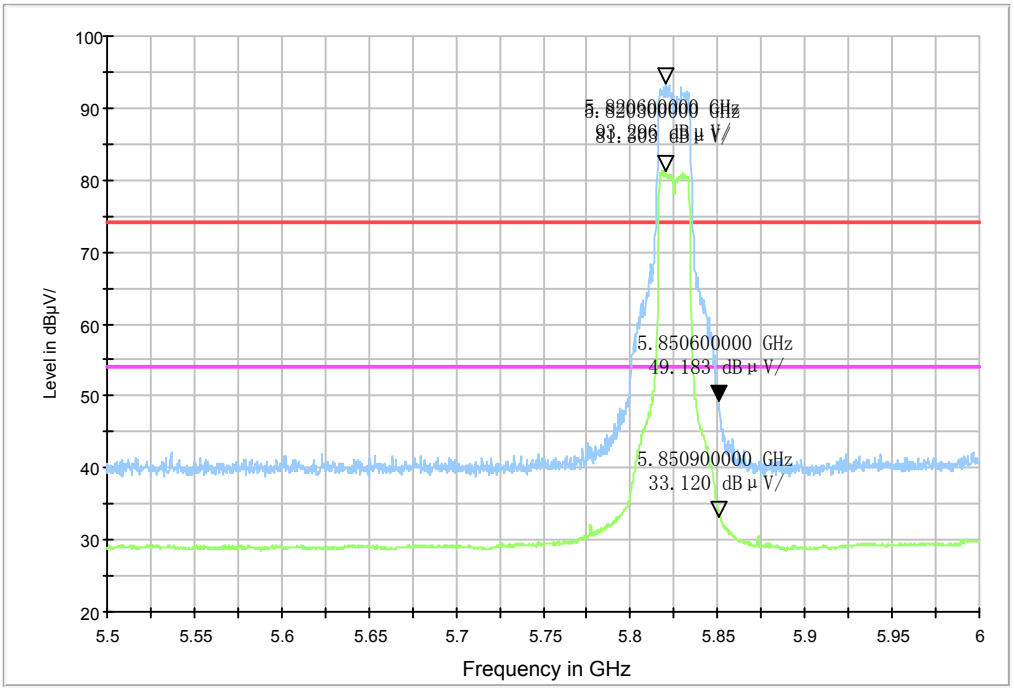

Fig 299 Frequency Band Edge: Ch165,11n 20M ANT2

RE 3GHz-6GHz

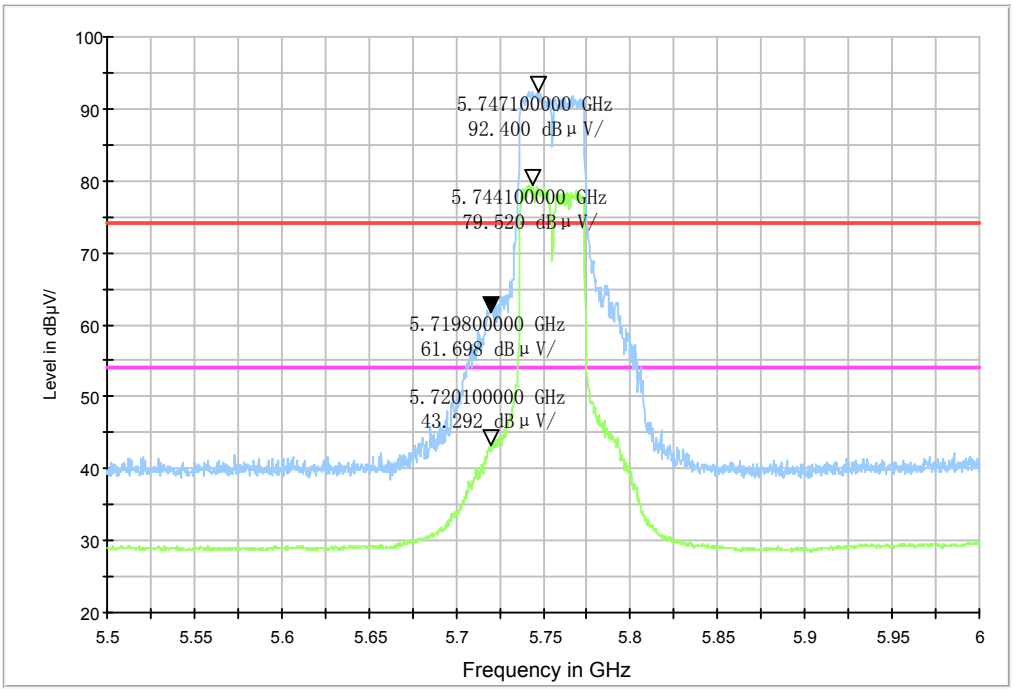

Fig 300 Frequency Band Edge: Ch151,11n 40M ANT2

RE 3GHz-6GHz

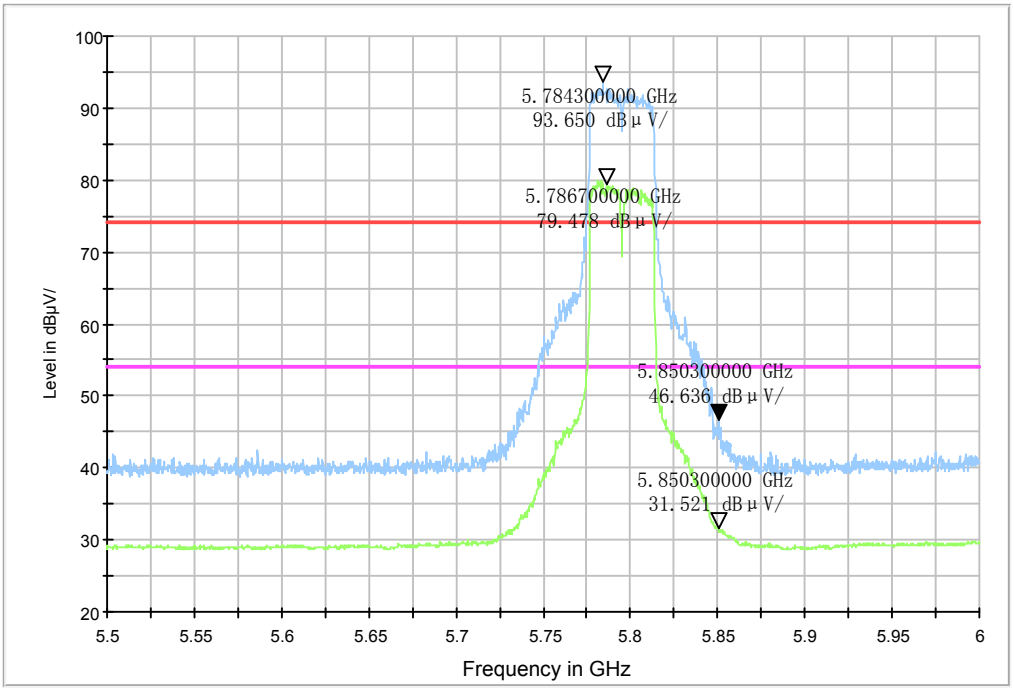

Fig 301 Frequency Band Edge: Ch156,11n 40M ANT2

RE 3GHz-6GHz

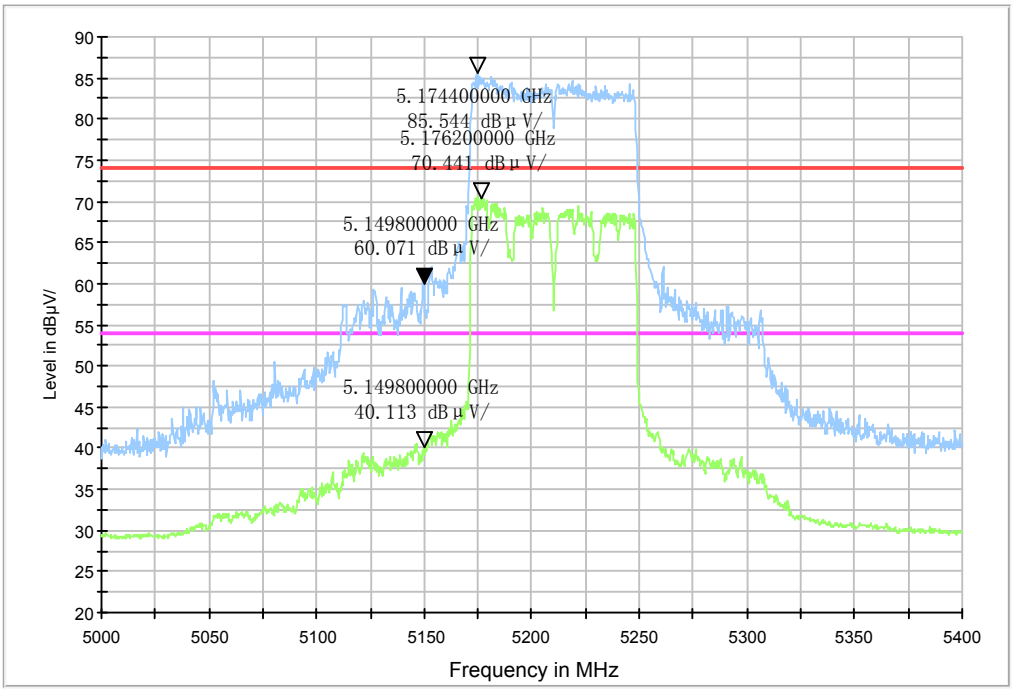

Fig 302 Frequency Band Edge: Ch42,11ac 80M ANT1

RE 3GHz-6GHz

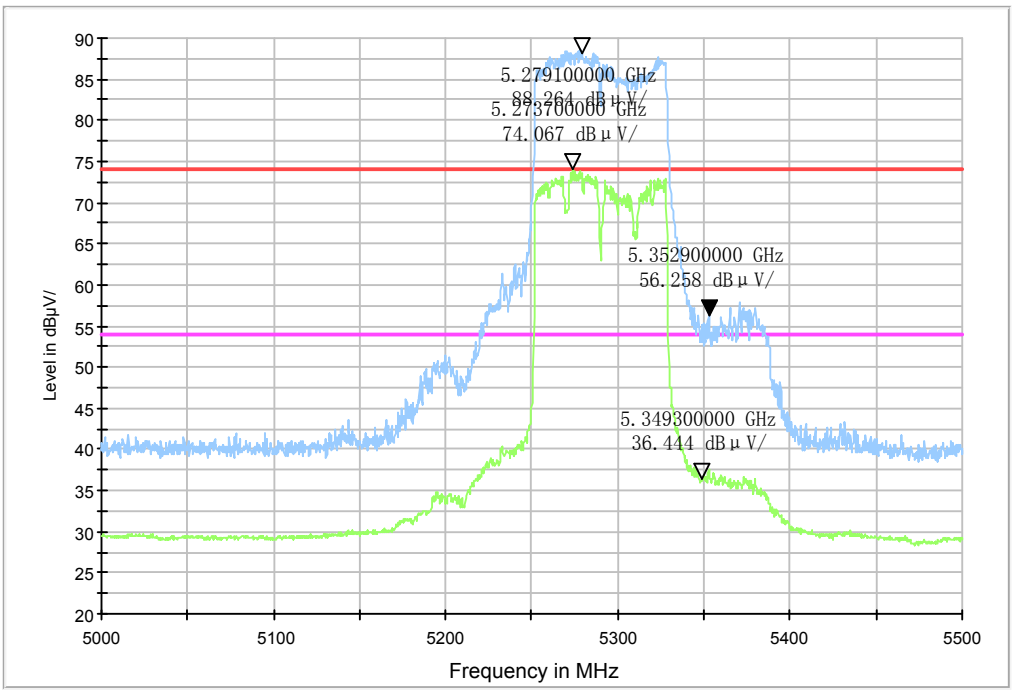

Fig 303 Frequency Band Edge: Ch56,11ac 80M ANT1

RE 3GHz-6GHz

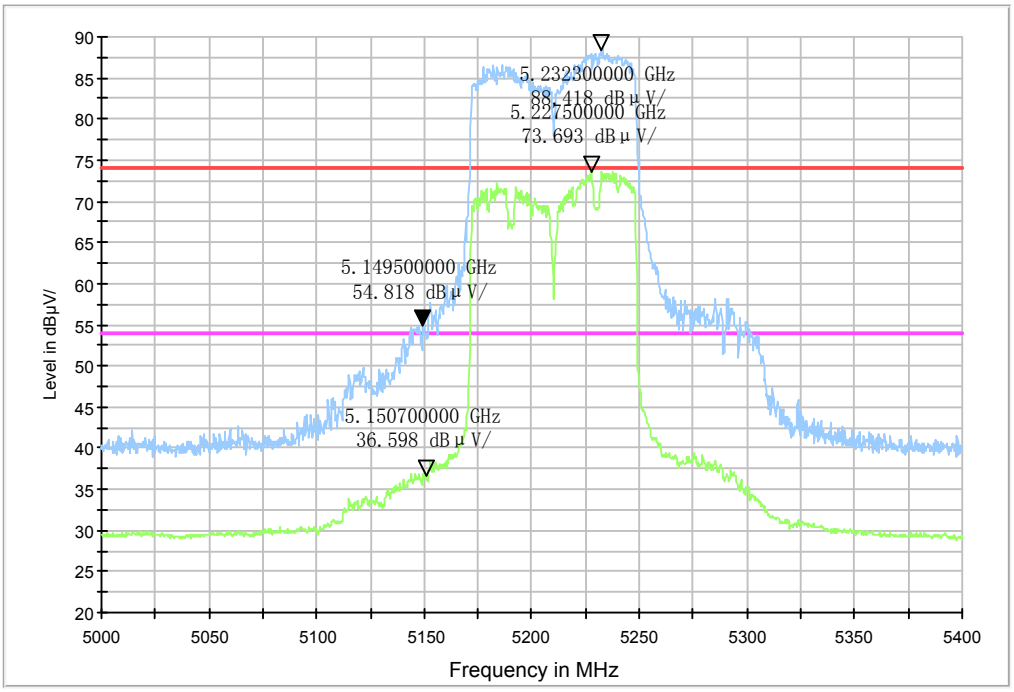

Fig 304 Frequency Band Edge: Ch42,11ac 80M ANT2

RE 3GHz-6GHz

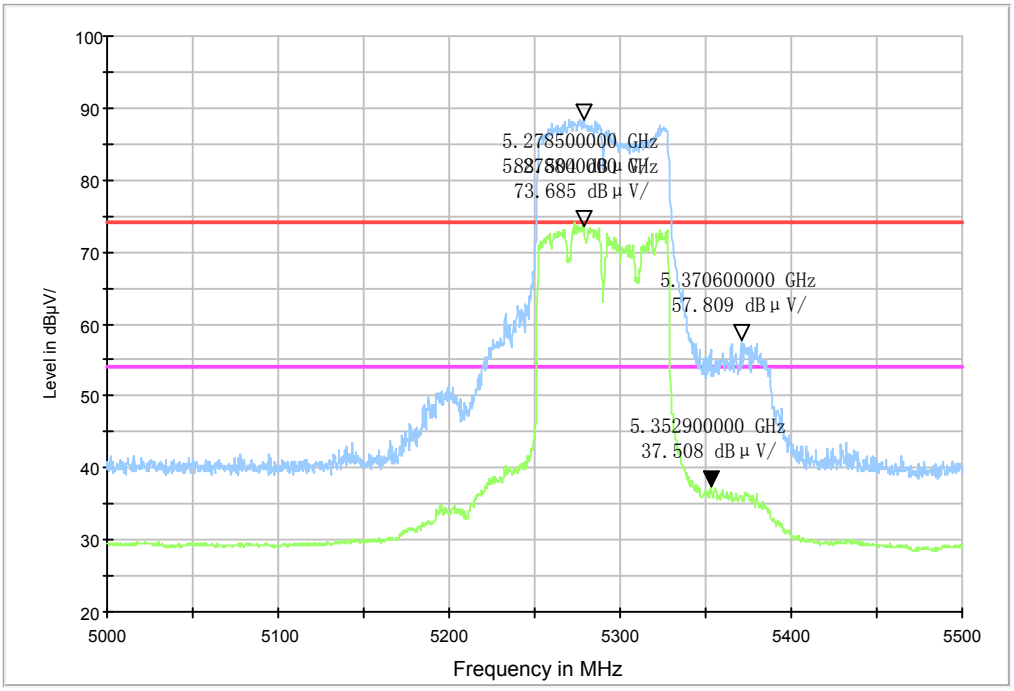

Fig 305 Frequency Band Edge: Ch62,11ac 80M ANT2

RE 3GHz-6GHz

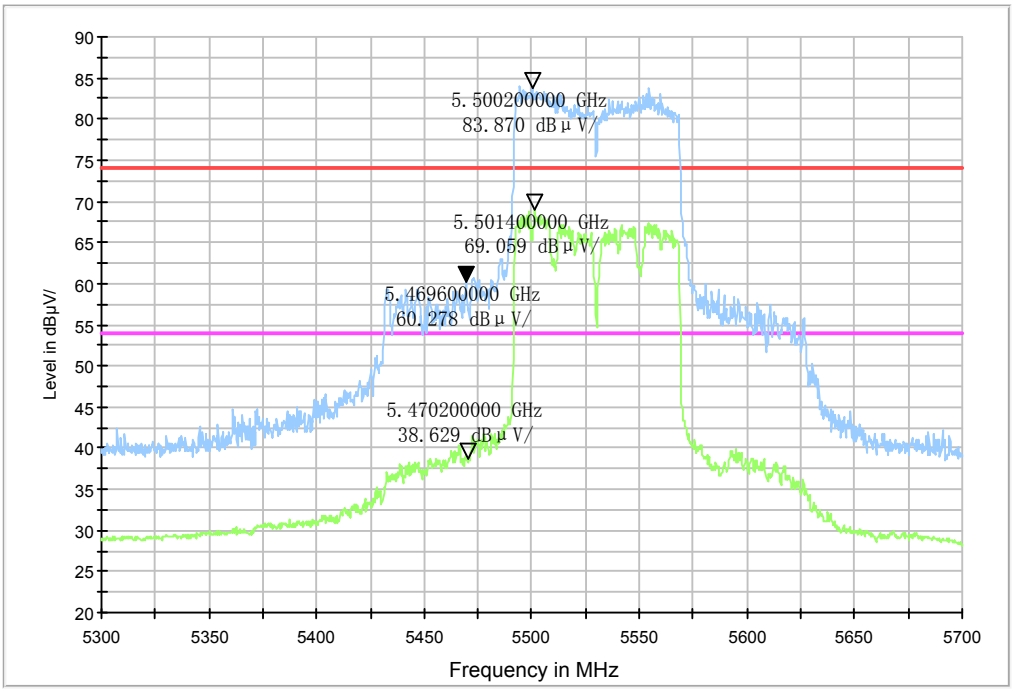

Fig 306 Frequency Band Edge: Ch106,11ac 80M ANT1

RE 3GHz-6GHz

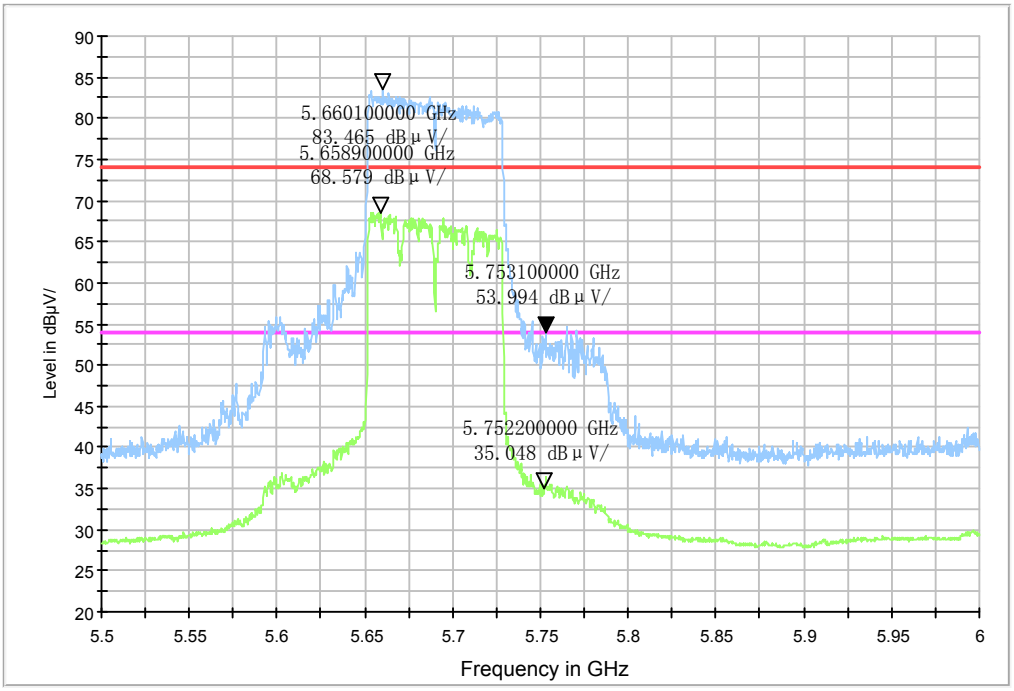

Fig 307 Frequency Band Edge: Ch138,11ac 80M ANT1

RE 3GHz-6GHz

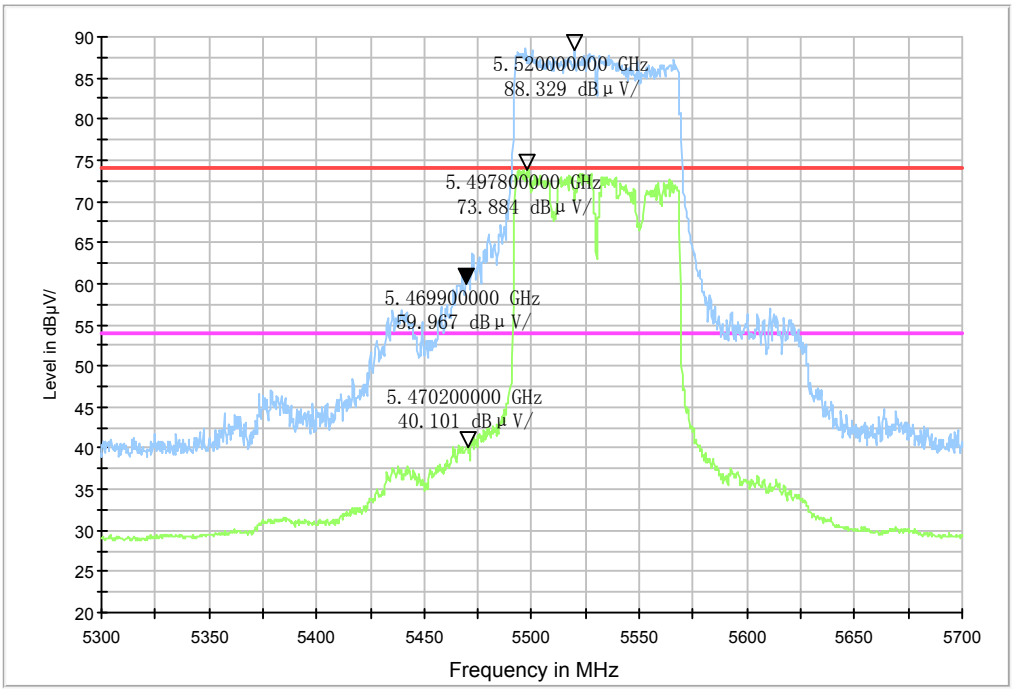

Fig 308 Frequency Band Edge: Ch106,11ac 80M ANT2

RE 3GHz-6GHz

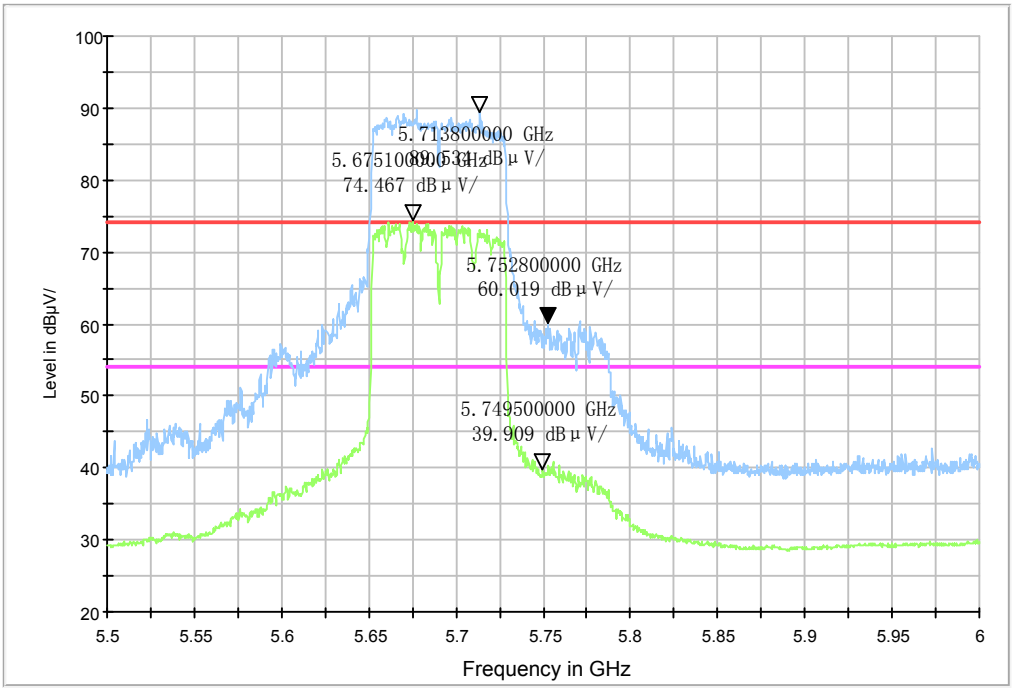

Fig 309 Frequency Band Edge: Ch138,11ac 80M ANT2

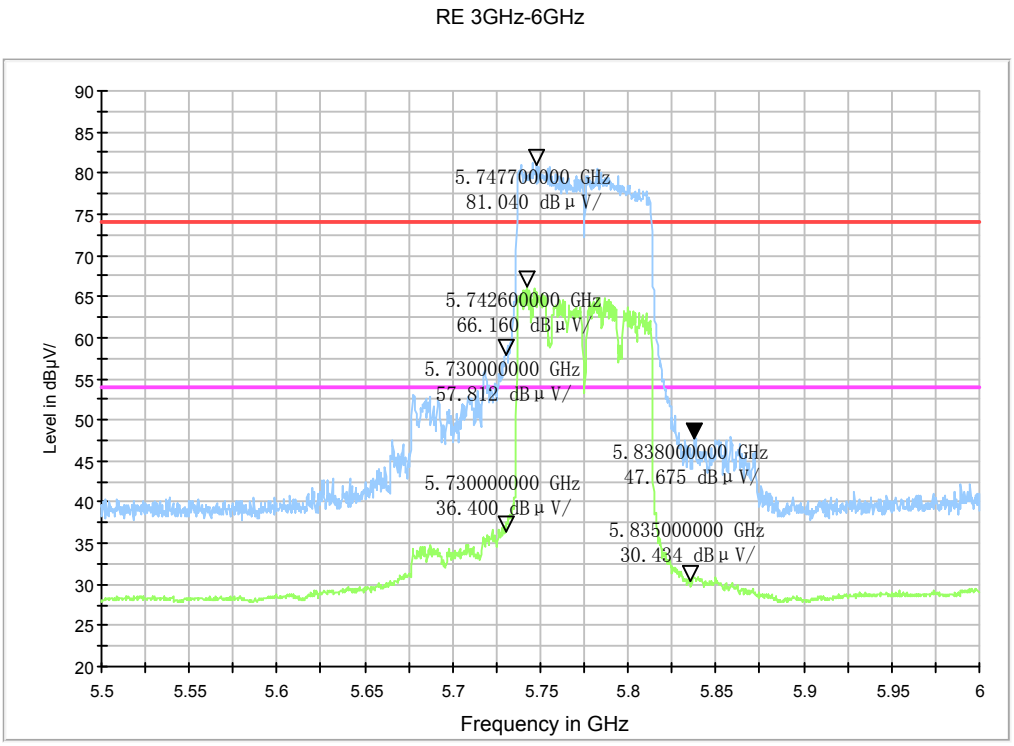

Fig 310 Frequency Band Edge: Ch155,11ac 80M ANT1

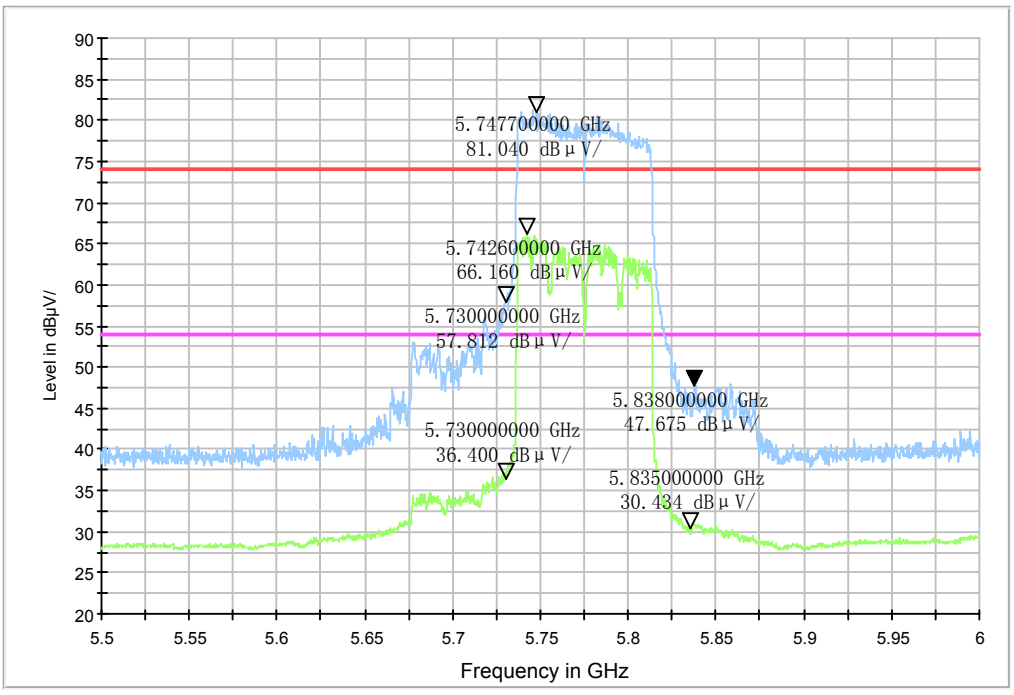

Fig 311 Frequency Band Edge: Ch155,11ac 80M ANT1

RE 3GHz-6GHz

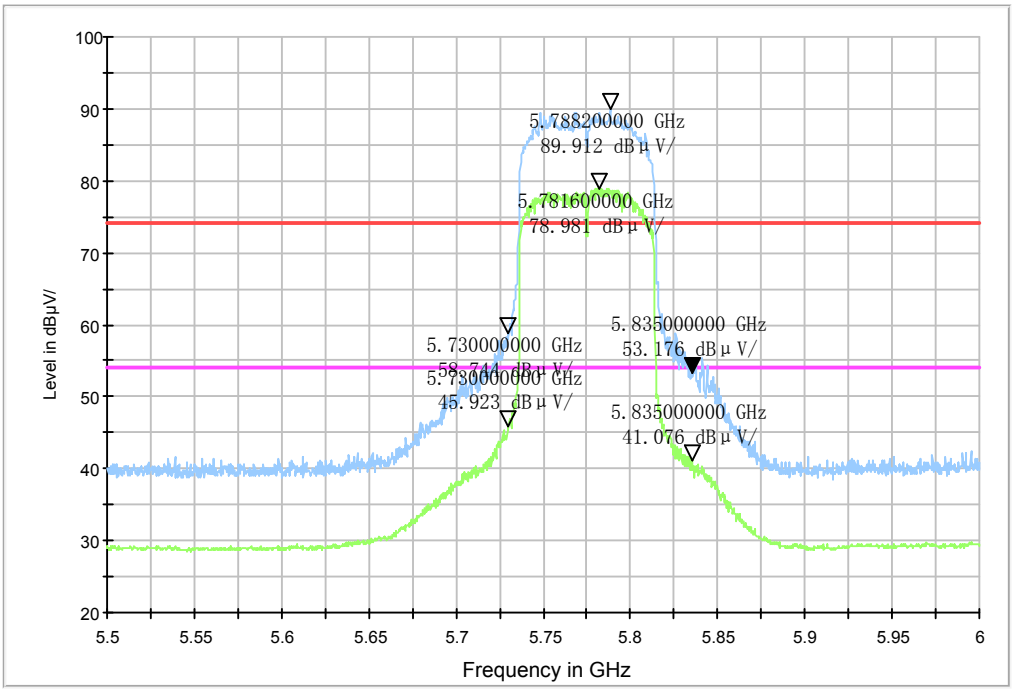

Fig 312 Frequency Band Edge: Ch155,11ac 80M ANT2

RE 3GHz-6GHz

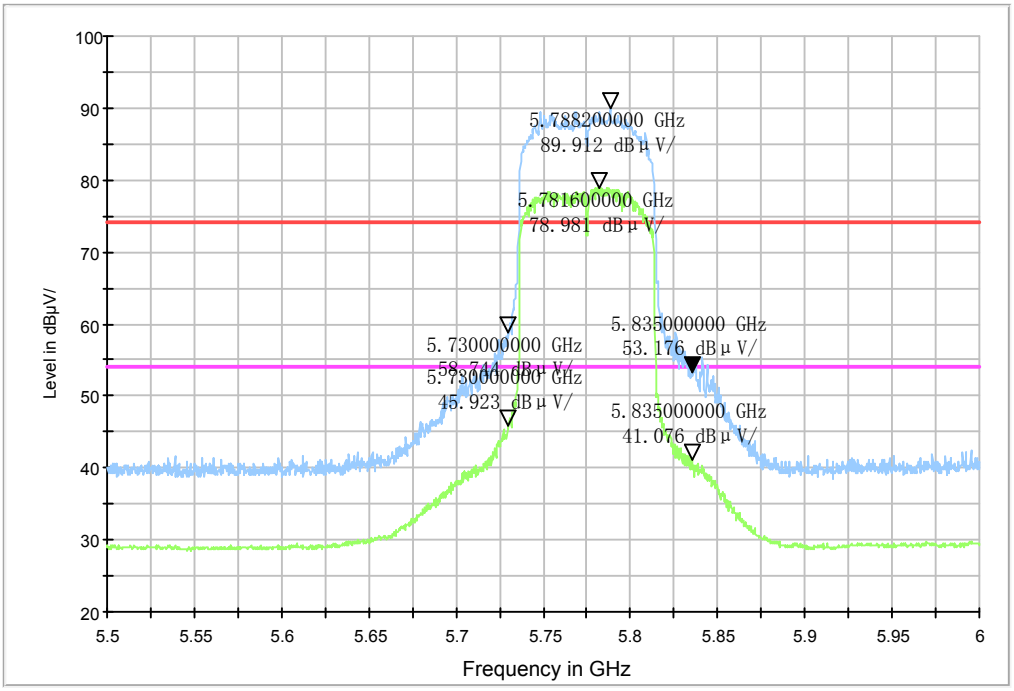

Fig 313 Frequency Band Edge: Ch155,11ac 80M ANT2

RE 3GHz-6GHz

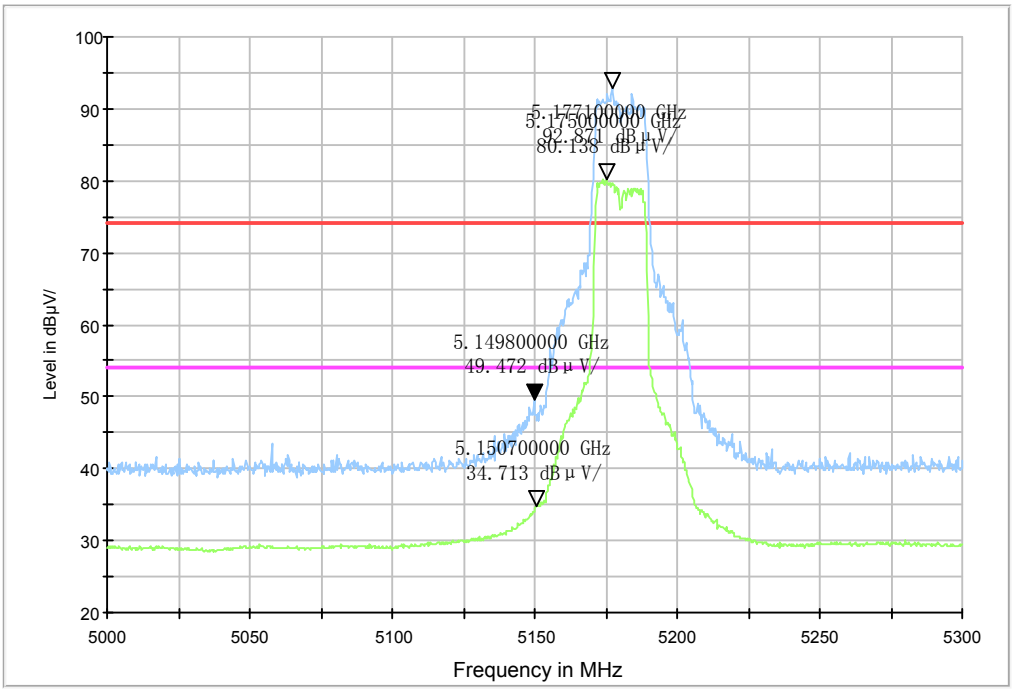

Fig 314 Frequency Band Edge: Ch36, 20M MIMO

RE 3GHz-6GHz

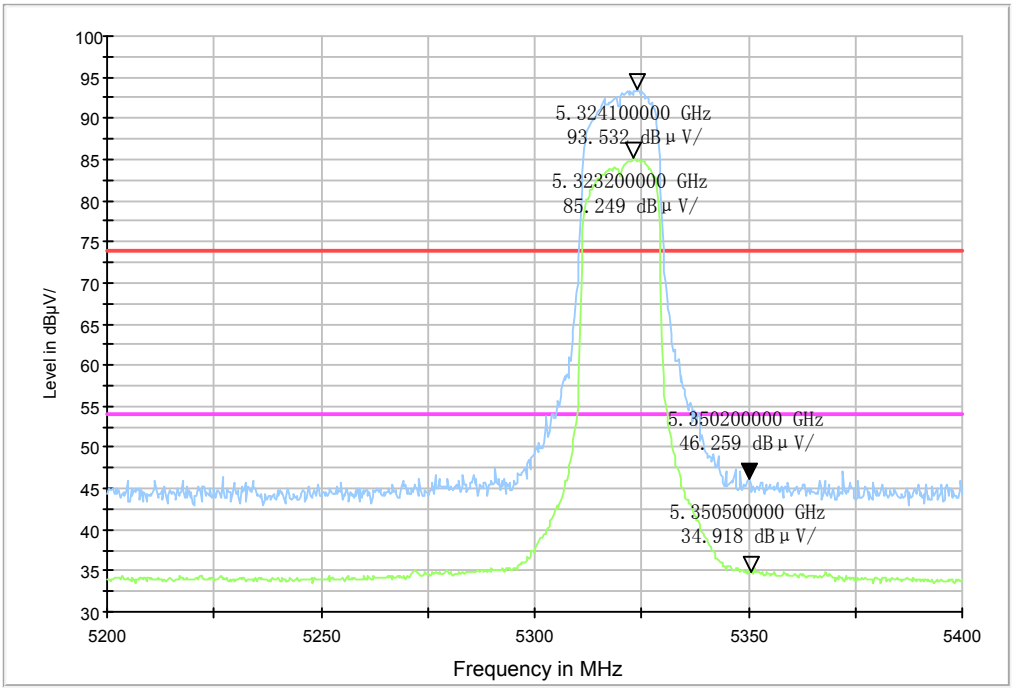

Fig 315 Frequency Band Edge: Ch64, 20M MIMO

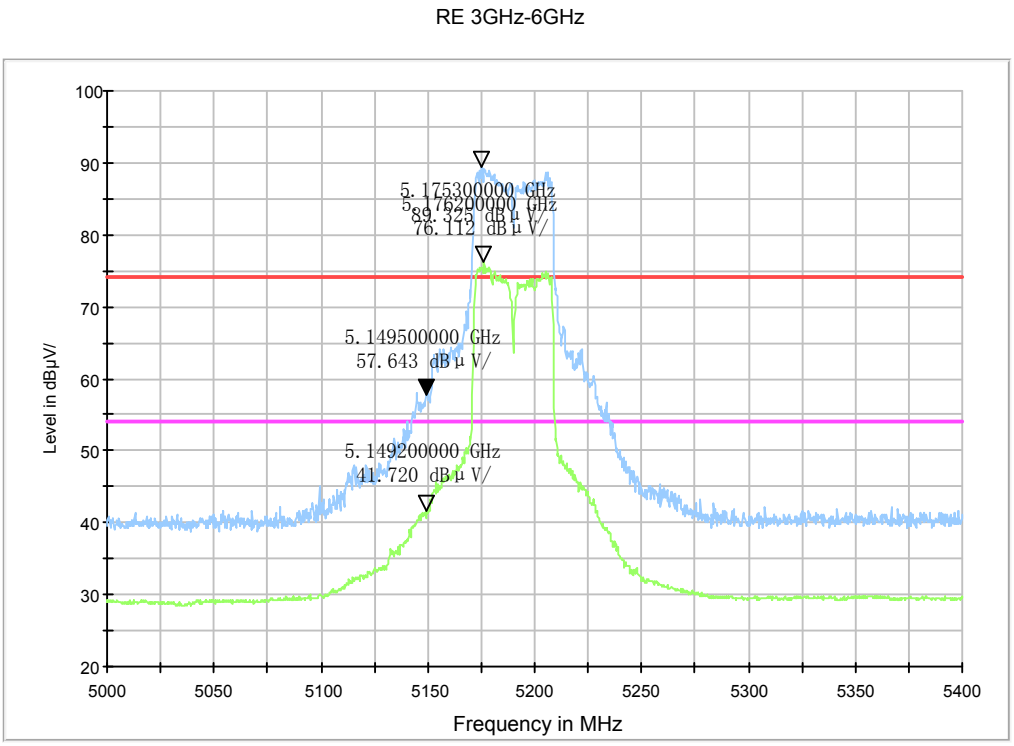

Fig 316 Frequency Band Edge: Ch38, 40M MIMO

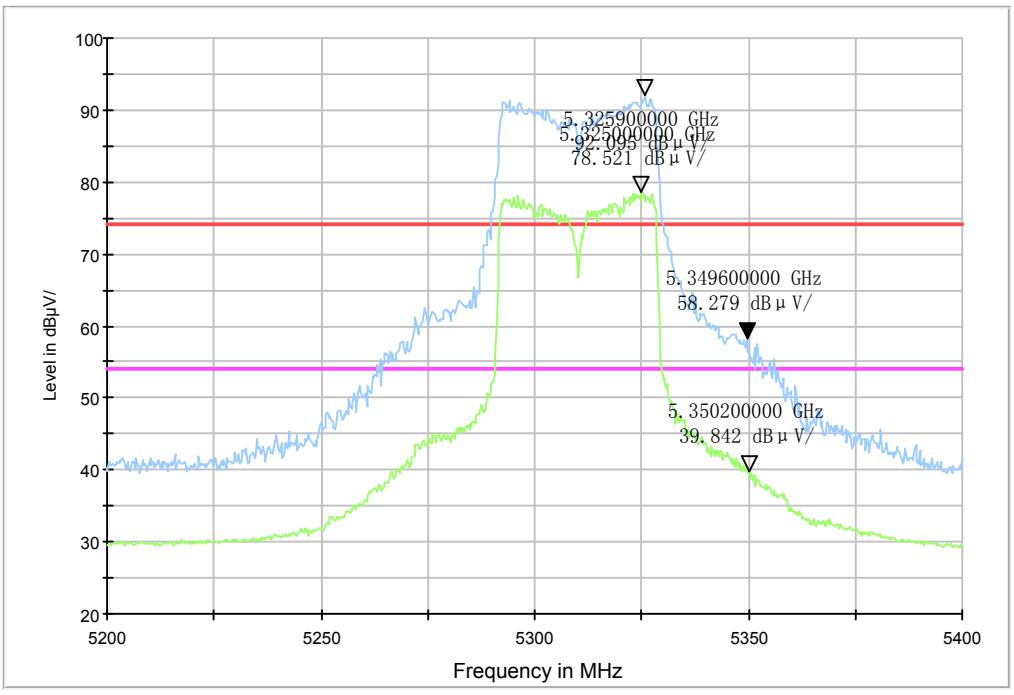

Fig 317 Frequency Band Edge: Ch62, 40M MIMO

RE 3GHz-6GHz

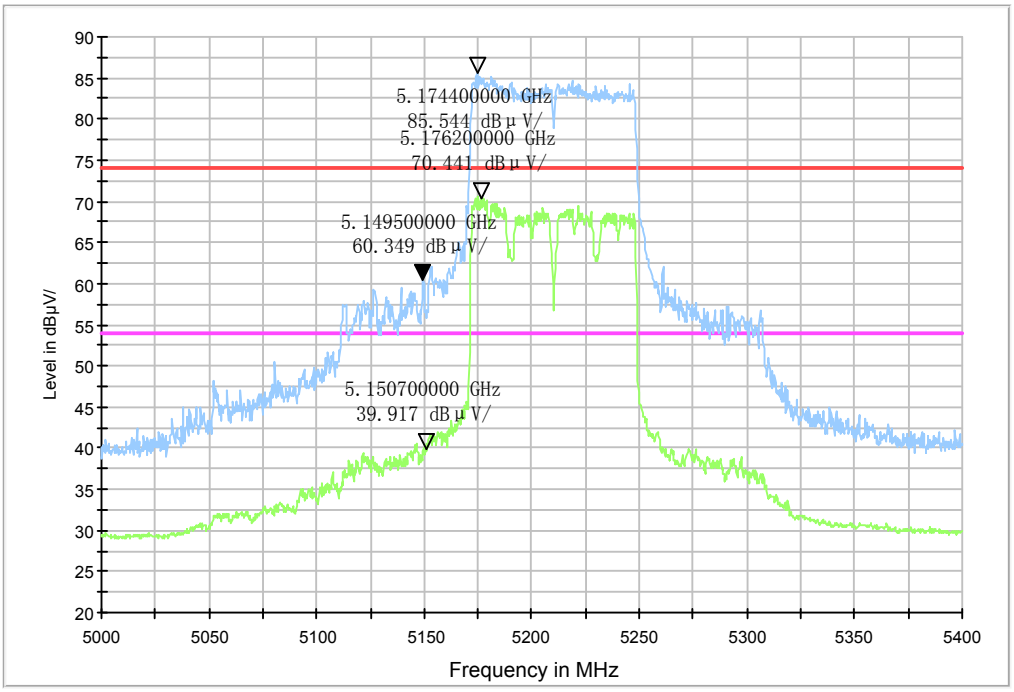

Fig 318 Frequency Band Edge: Ch42, 80M MIMO

RE 3GHz-6GHz

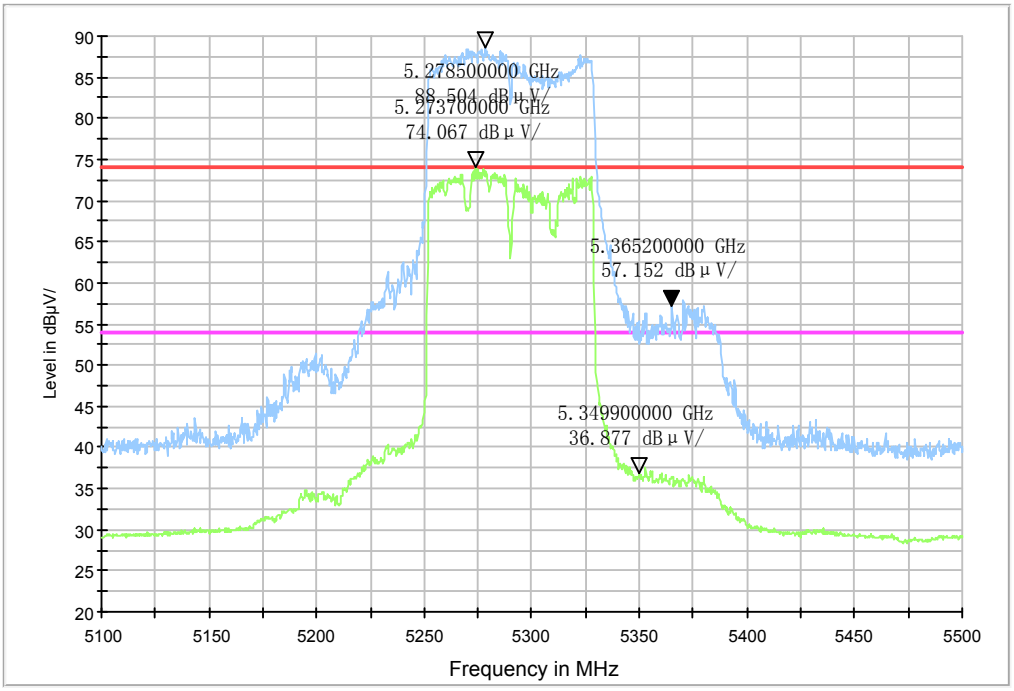

Fig 319 Frequency Band Edge: Ch58, 80M MIMO

RE 3GHz-6GHz

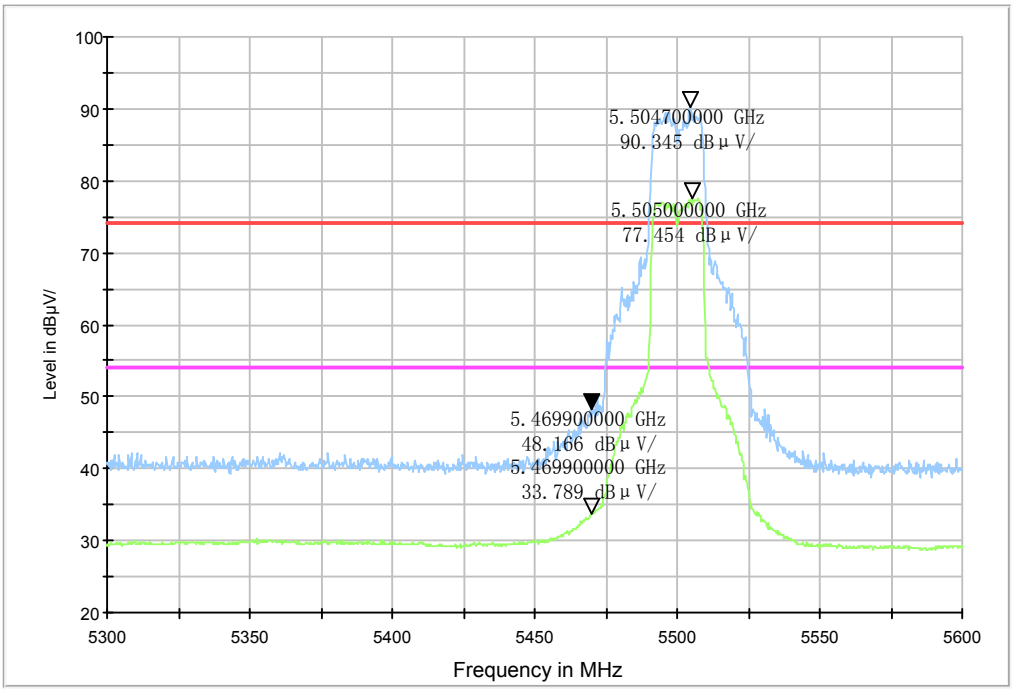

Fig 320 Frequency Band Edge: Ch100, 20M MIMO

RE 3GHz-6GHz

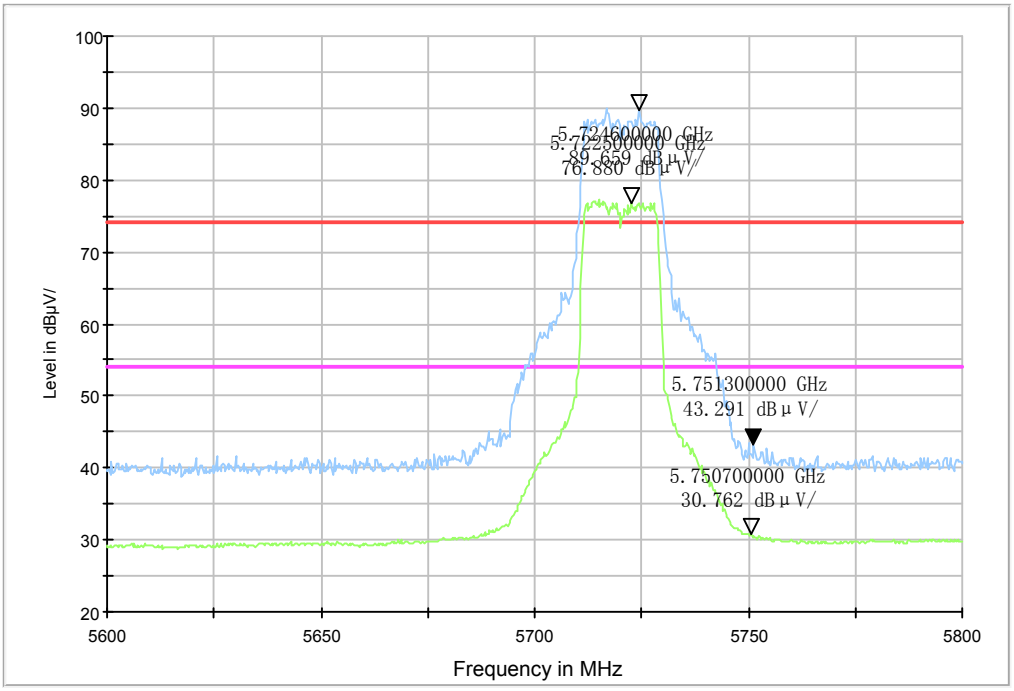

Fig 321 Frequency Band Edge: Ch144, 20M MIMO

RE 3GHz-6GHz

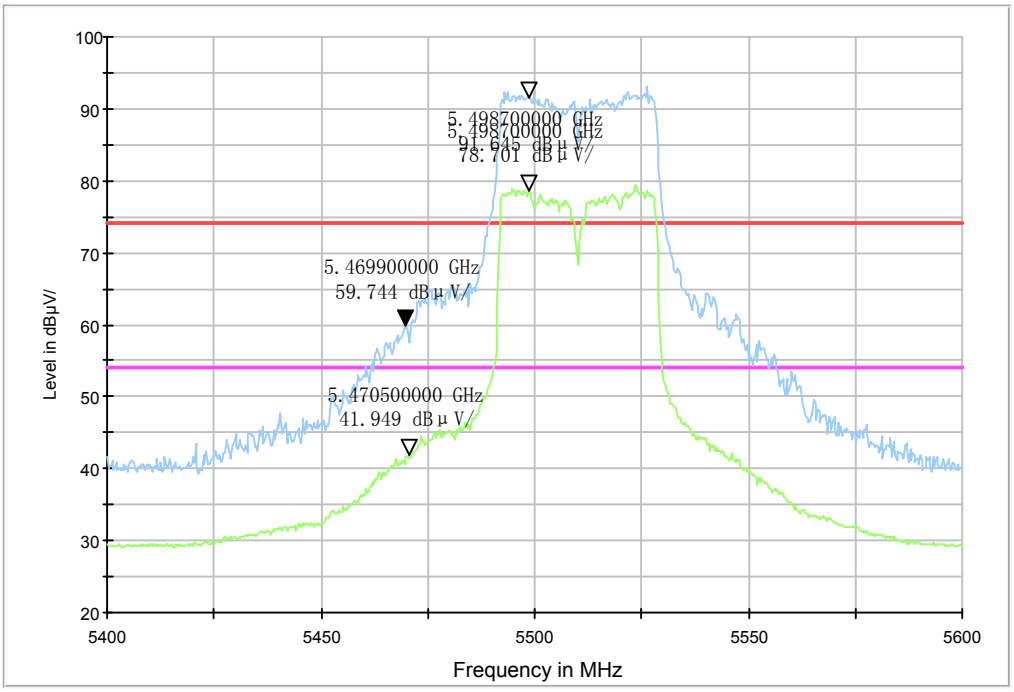

Fig 322 Frequency Band Edge: Ch102, 40M MIMO

RE 3GHz-6GHz

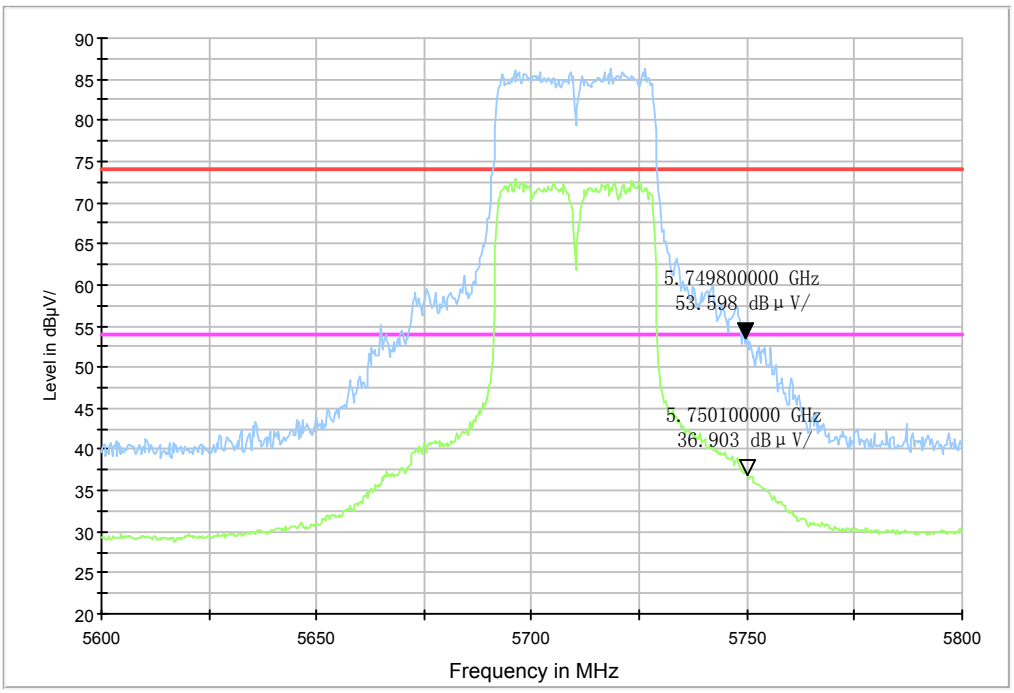

Fig 323 Frequency Band Edge: Ch142, 40M MIMO

RE 3GHz-6GHz

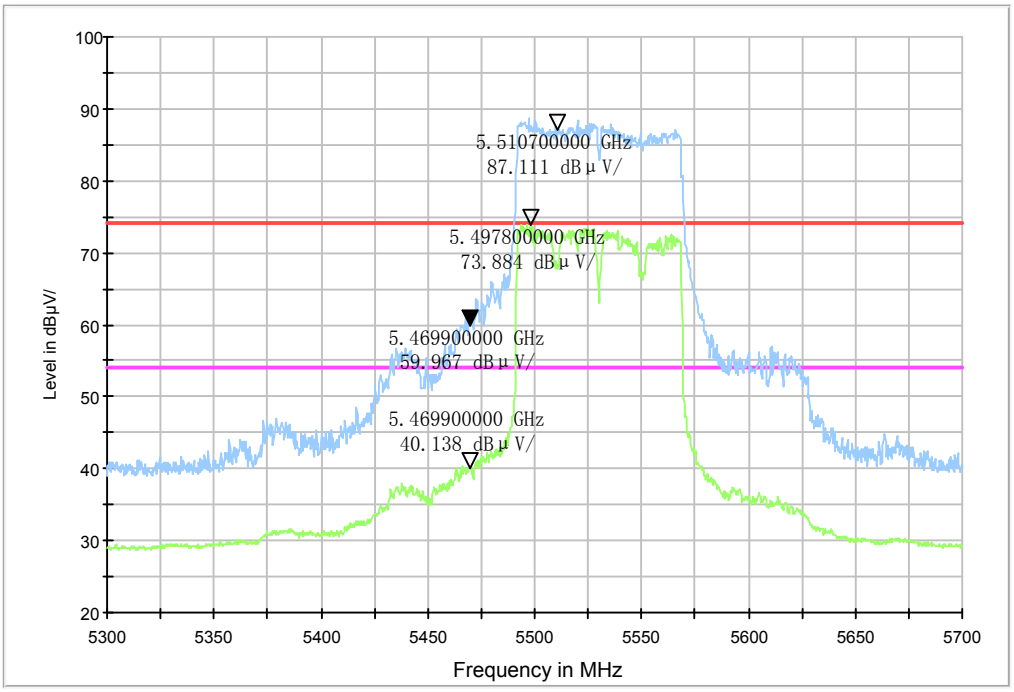

Fig 324 Frequency Band Edge: Ch106, 80M MIMO

RE 3GHz-6GHz

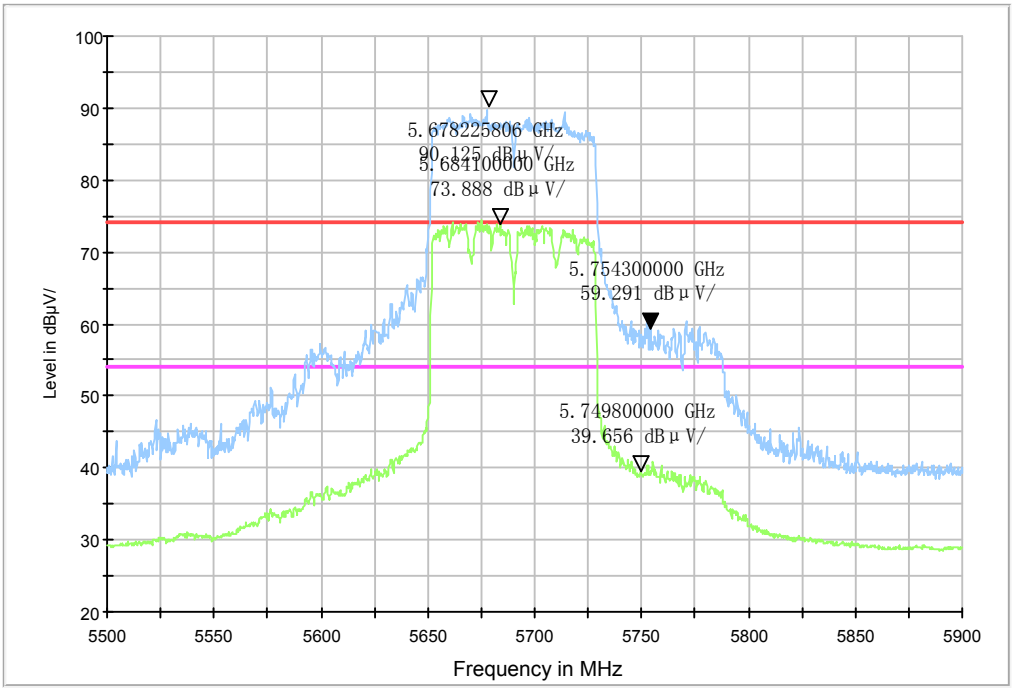

Fig 325 Frequency Band Edge: Ch138, 80M MIMO

RE 3GHz-6GHz

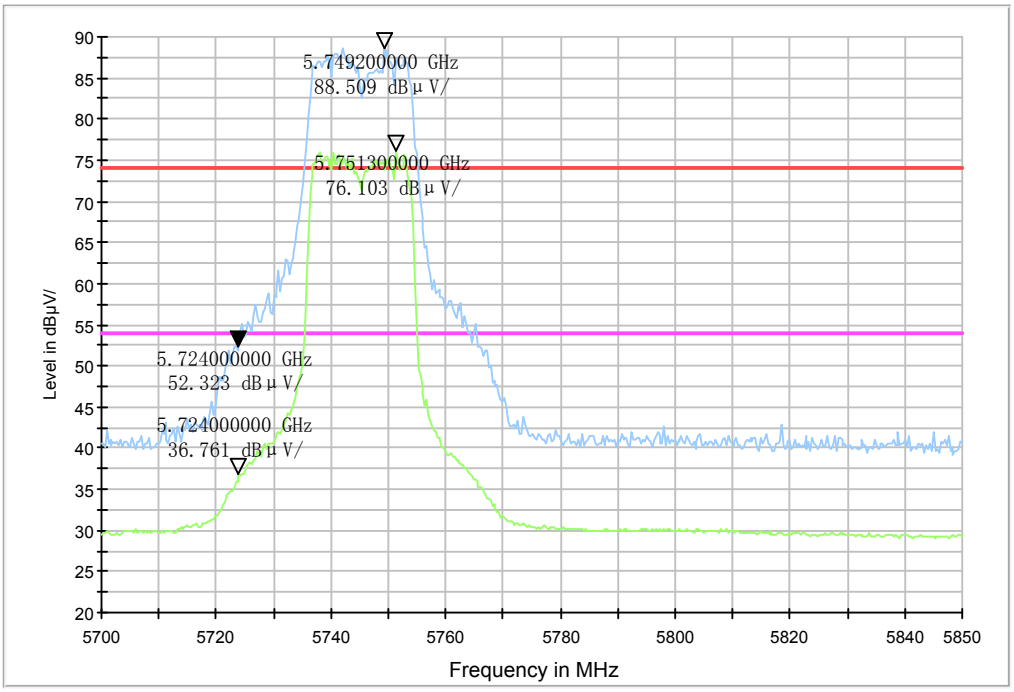

Fig 326 Frequency Band Edge: Ch149, 20M MIMO

RE 3GHz-6GHz

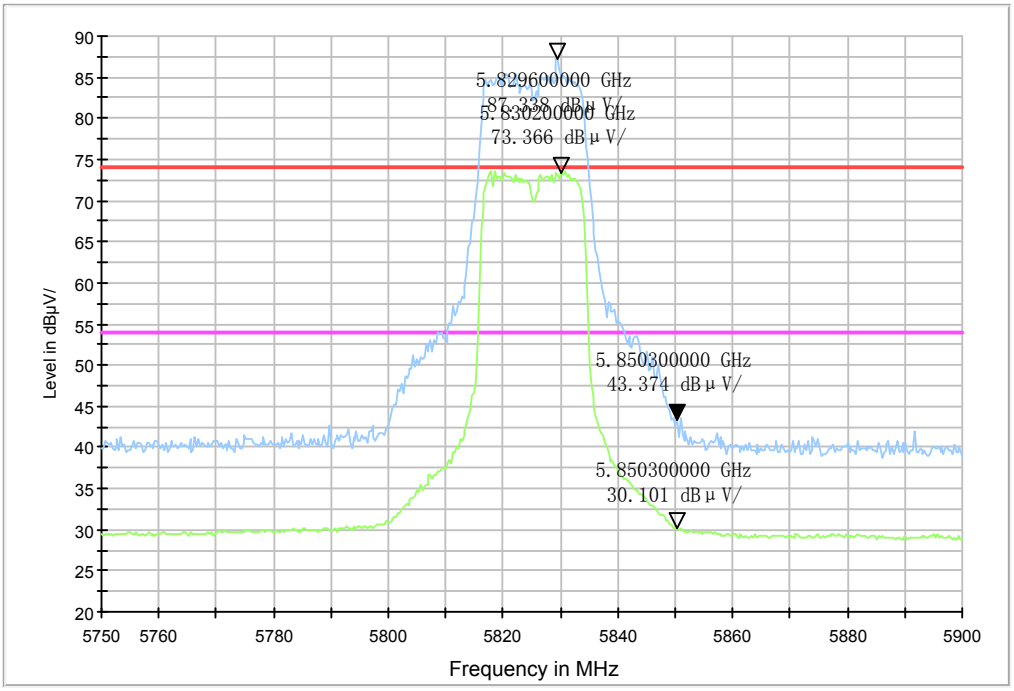

Fig 327 Frequency Band Edge: Ch165, 20M MIMO

RE 3GHz-6GHz

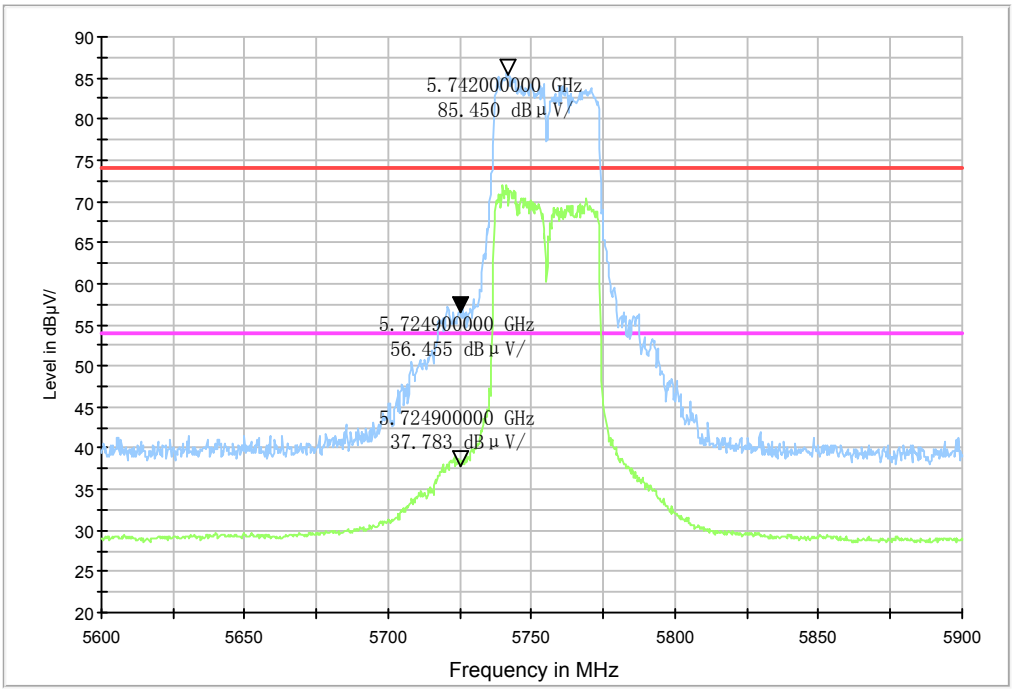

Fig 328 Frequency Band Edge: Ch151, 40M MIMO

RE 3GHz-6GHz

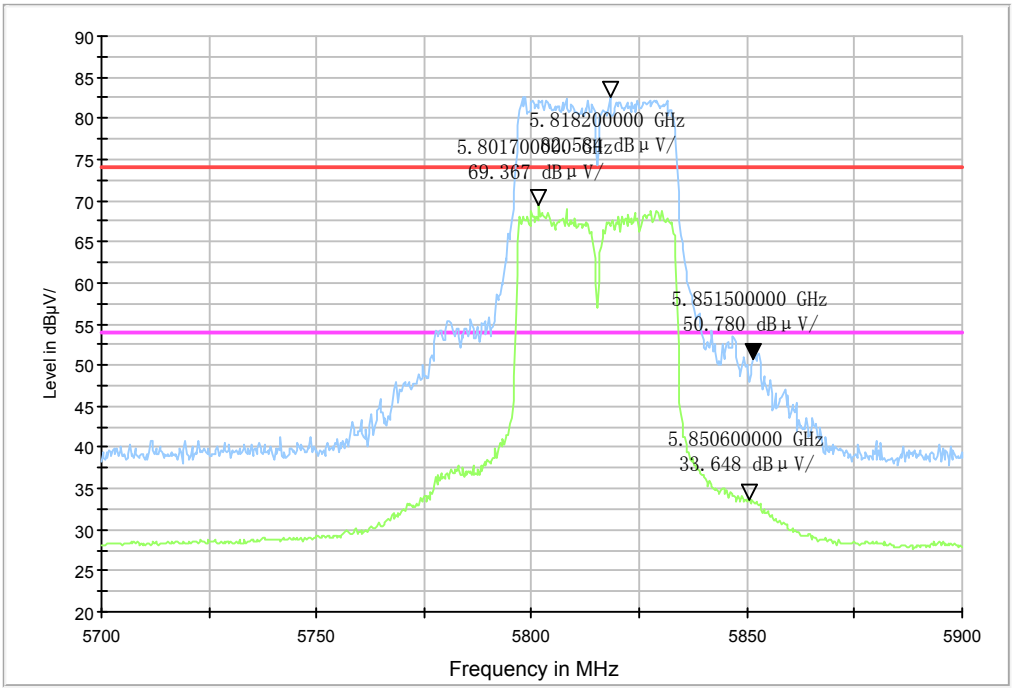

Fig 329 Frequency Band Edge: Ch159, 40M MIMO

RE 3GHz-6GHz

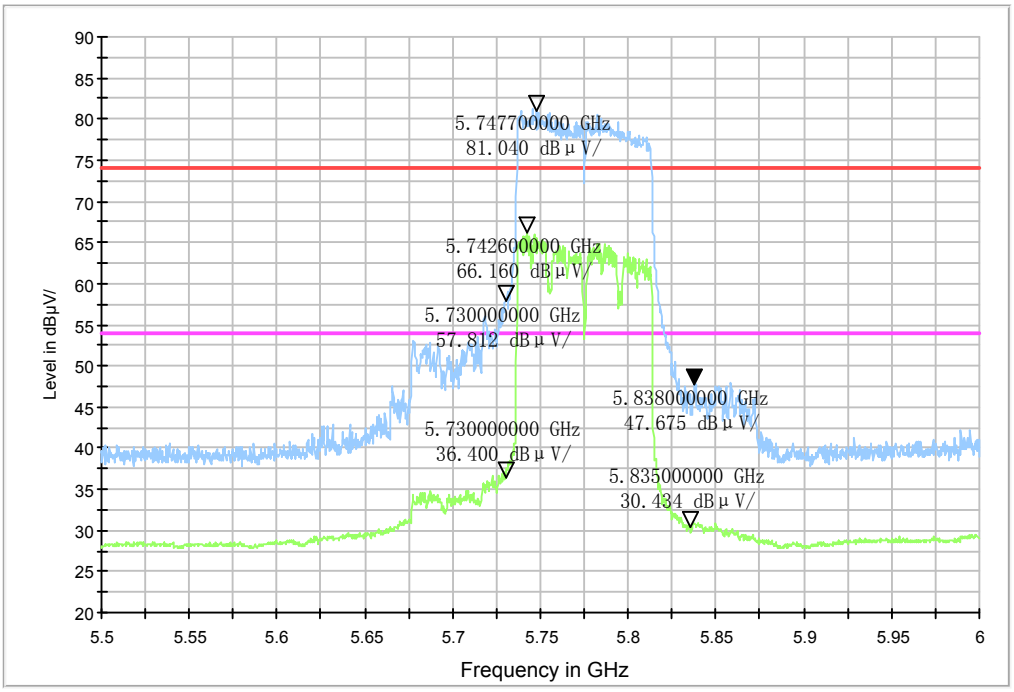

Fig 330 Frequency Band Edge: Ch155, 80M MIMO

RE 3GHz-6GHz

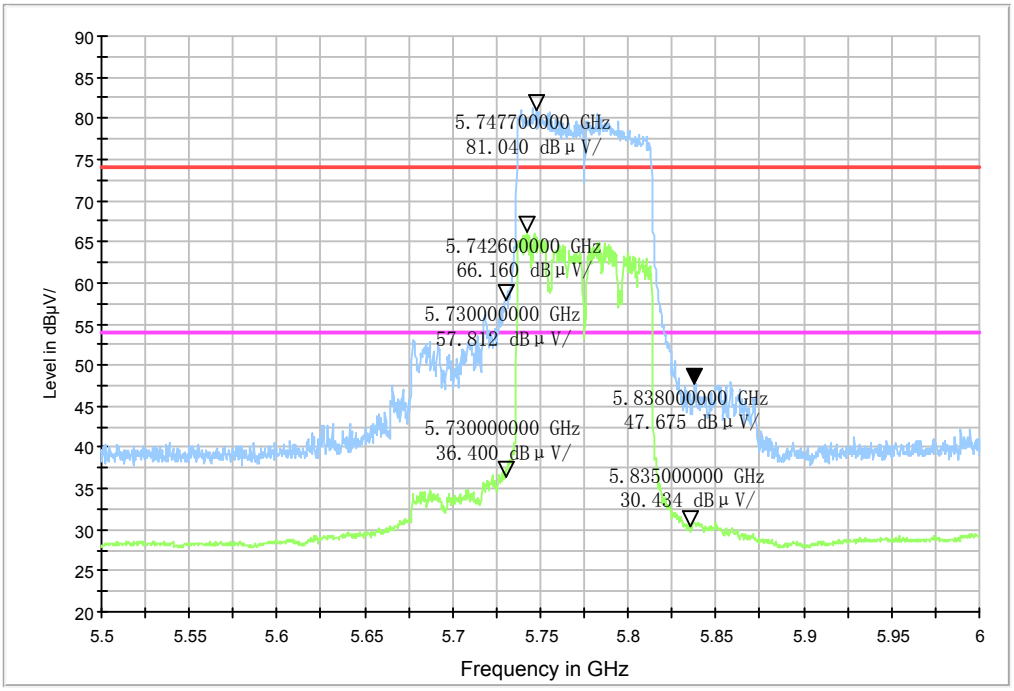

Fig 331 Frequency Band Edge: Ch155, 80M MIMO

5.5 Transmitter Spurious Emission - Conducted

Specifications:	FCC Part 15. 407 (b)
DUT Serial Number:	S15/18: 862851030000175/862851030020177
Test conditions:	Ambient Temperature:15℃-35℃ Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	Pass

Limit Level Construction:

According to Part 15.407(b)

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band:

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

Note: --

5.5.1 802.11a Transmitter Spurious Emission - Conducted

Mode	Frequency (MHz)	Channel	Frequency Range	Test Results
802.11a	5180	36	30 MHz ~ 1 GHz	Fig. 279
			1 GHz ~ 20 GHz	Fig. 280
			20 GHz ~ 40 GHz	Fig. 281
	5200	40	30 MHz ~ 1 GHz	Fig. 282
			1 GHz ~ 20 GHz	Fig. 283
			20 GHz ~ 40 GHz	Fig. 284
	5240	48	30 MHz ~ 1 GHz	Fig. 285
			1 GHz ~ 20 GHz	Fig. 286
			20 GHz ~ 40 GHz	Fig. 287
	5260	52	30 MHz ~ 1 GHz	Fig. 288
			1 GHz ~ 20 GHz	Fig. 289
			20 GHz ~ 40 GHz	Fig. 290
	5300	60	30 MHz ~ 1 GHz	Fig. 291
			1 GHz ~ 20 GHz	Fig. 292
			20 GHz ~ 40 GHz	Fig. 293
	5320	64	30 MHz ~ 1 GHz	Fig. 294
			1 GHz ~ 20 GHz	Fig. 295
			20 GHz ~ 40 GHz	Fig. 296
	5500	100	30 MHz ~ 1 GHz	Fig. 297
			1 GHz ~ 20 GHz	Fig. 298
			20 GHz ~ 40 GHz	Fig. 299
	5600	120	30 MHz ~ 1 GHz	Fig. 300
			1 GHz ~ 20 GHz	Fig. 301
			20 GHz ~ 40 GHz	Fig. 302
	5700	140	30 MHz ~ 1 GHz	Fig. 303
			1 GHz ~ 20 GHz	Fig. 304
			20 GHz ~ 40 GHz	Fig. 305
	5745	149	30 MHz ~ 1 GHz	Fig. 306
			1 GHz ~ 20 GHz	Fig. 307
			20 GHz ~ 40 GHz	Fig. 308
	5785	157	30 MHz ~ 1 GHz	Fig. 309
			1 GHz ~ 20 GHz	Fig. 310
			20 GHz ~ 40 GHz	Fig. 311

5.5.2 802.11n 20MHz Transmitter Spurious Emission - Conducted

Mode	Frequency (MHz)	Channel	Frequency Range	Test Results
802.11n (20MHz)	5180	36	30 MHz ~ 1 GHz	Fig. 312
			1 GHz ~ 20 GHz	Fig. 313
			20 GHz ~ 40 GHz	Fig. 314
	5200	40	30 MHz ~ 1 GHz	Fig. 315
			1 GHz ~ 20 GHz	Fig. 316
			20 GHz ~ 40 GHz	Fig. 317
	5240	48	30 MHz ~ 1 GHz	Fig. 318
			1 GHz ~ 20 GHz	Fig. 319
			20 GHz ~ 40 GHz	Fig. 320
	5260	52	30 MHz ~ 1 GHz	Fig. 321
			1 GHz ~ 20 GHz	Fig. 322
			20 GHz ~ 40 GHz	Fig. 323
	5300	60	30 MHz ~ 1 GHz	Fig. 324
			1 GHz ~ 20 GHz	Fig. 325
			20 GHz ~ 40 GHz	Fig. 326
	5320	64	30 MHz ~ 1 GHz	Fig. 327
			1 GHz ~ 20 GHz	Fig. 328
			20 GHz ~ 40 GHz	Fig. 329
	5500	100	30 MHz ~ 1 GHz	Fig. 330
			1 GHz ~ 20 GHz	Fig. 331
			20 GHz ~ 40 GHz	Fig. 332
	5600	120	30 MHz ~ 1 GHz	Fig. 333
			1 GHz ~ 20 GHz	Fig. 334
			20 GHz ~ 40 GHz	Fig. 335
	5700	140	30 MHz ~ 1 GHz	Fig. 336
			1 GHz ~ 20 GHz	Fig. 337
			20 GHz ~ 40 GHz	Fig. 338
	5745	149	30 MHz ~ 1 GHz	Fig. 339
			1 GHz ~ 20 GHz	Fig. 340
			20 GHz ~ 40 GHz	Fig. 341
	5785	157	30 MHz ~ 1 GHz	Fig. 342
			1 GHz ~ 20 GHz	Fig. 343
			20 GHz ~ 40 GHz	Fig. 344
	5825	165	30 MHz ~ 1 GHz	Fig. 345
			1 GHz ~ 20 GHz	Fig. 346
			20 GHz ~ 40 GHz	Fig. 347

5.5.3 802.11n 40MHz Transmitter Spurious Emission - Conducted

Mode	Frequency (MHz)	Channel	Frequency Range	Test Results
802.11n (40MHz)	5190	38	30 MHz ~ 1 GHz	Fig. 348
			1 GHz ~ 20 GHz	Fig. 349
			20 GHz ~ 40 GHz	Fig. 350
	5230	46	30 MHz ~ 1 GHz	Fig. 351
			1 GHz ~ 20 GHz	Fig. 352
			20 GHz ~ 40 GHz	Fig. 353
	5270	54	30 MHz ~ 1 GHz	Fig. 354
			1 GHz ~ 20 GHz	Fig. 355
			20 GHz ~ 40 GHz	Fig. 356
	5310	62	30 MHz ~ 1 GHz	Fig. 357
			1 GHz ~ 20 GHz	Fig. 358
			20 GHz ~ 40 GHz	Fig. 359
	5510	102	30 MHz ~ 1 GHz	Fig. 360
			1 GHz ~ 20 GHz	Fig. 361
			20 GHz ~ 40 GHz	Fig. 362
	5590	118	30 MHz ~ 1 GHz	Fig. 363
			1 GHz ~ 20 GHz	Fig. 364
			20 GHz ~ 40 GHz	Fig. 365
	5670	134	30 MHz ~ 1 GHz	Fig. 366
			1 GHz ~ 20 GHz	Fig. 367
			20 GHz ~ 40 GHz	Fig. 368
	5755	151	30 MHz ~ 1 GHz	Fig. 369
			1 GHz ~ 20 GHz	Fig. 370
			20 GHz ~ 40 GHz	Fig. 371
	5795	159	30 MHz ~ 1 GHz	Fig. 372
			1 GHz ~ 20 GHz	Fig. 373
			20 GHz ~ 40 GHz	Fig. 374

5.5.4 802.11ac 80MHz Transmitter Spurious Emission - Conducted

Mode	Frequency (MHz)	Channel	Frequency Range	Test Results
802.11ac (80MHz)	5210	42	30 MHz ~ 1 GHz	Fig. 375
			1 GHz ~ 20 GHz	Fig. 376
			20 GHz ~ 40 GHz	Fig. 377
	5290	58	30 MHz ~ 1 GHz	Fig. 378
			1 GHz ~ 20 GHz	Fig. 379
			20 GHz ~ 40 GHz	Fig. 380
	5530	106	30 MHz ~ 1 GHz	Fig. 381
			1 GHz ~ 20 GHz	Fig. 382
			20 GHz ~ 40 GHz	Fig. 383
	5610	122	30 MHz ~ 1 GHz	Fig. 384
			1 GHz ~ 20 GHz	Fig. 385
			20 GHz ~ 40 GHz	Fig. 386
	5690	138	30 MHz ~ 1 GHz	Fig. 387
			1 GHz ~ 20 GHz	Fig. 388
			20 GHz ~ 40 GHz	Fig. 389
	5775	155	30 MHz ~ 1 GHz	Fig. 390
			1 GHz ~ 20 GHz	Fig. 391
			20 GHz ~ 40 GHz	Fig. 392

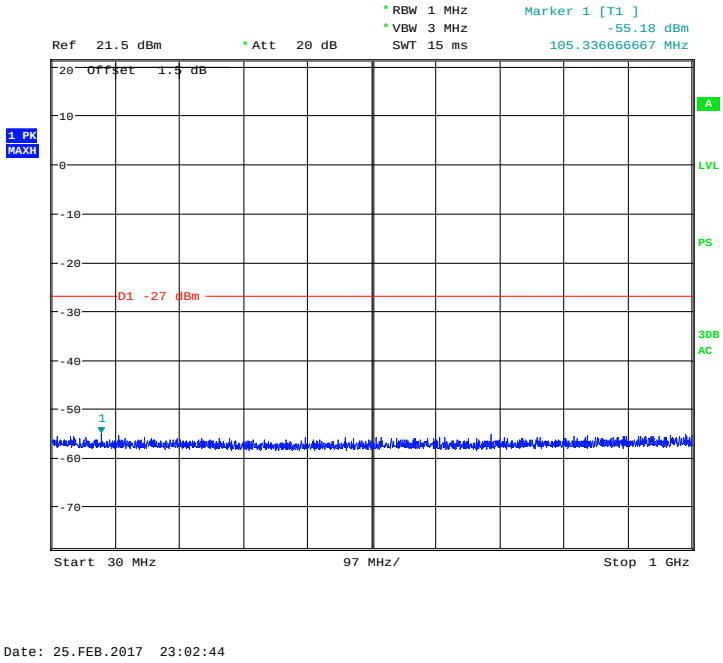

Fig. 332 Transmitter Spurious Emission Conducted 802.11a CH36 30 MHz ~ 1 GHz

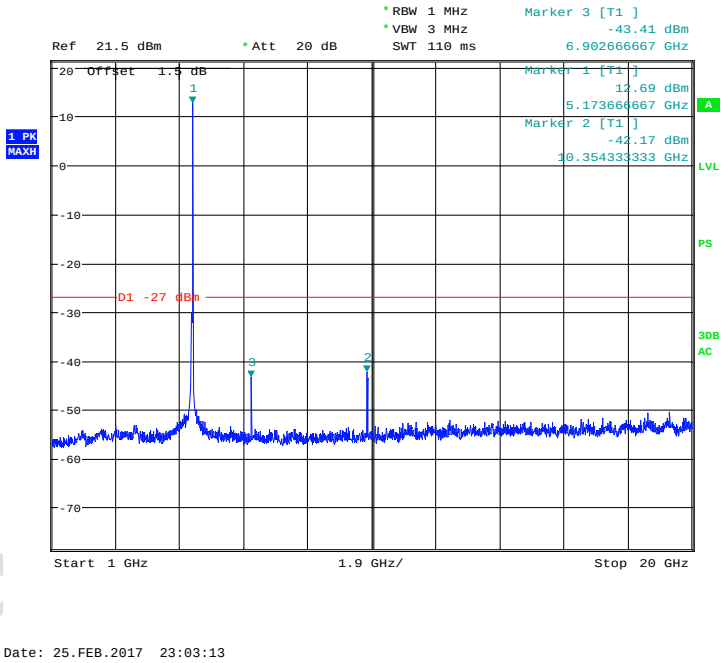

Fig. 333 Transmitter Spurious Emission Conducted 802.11a CH36 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

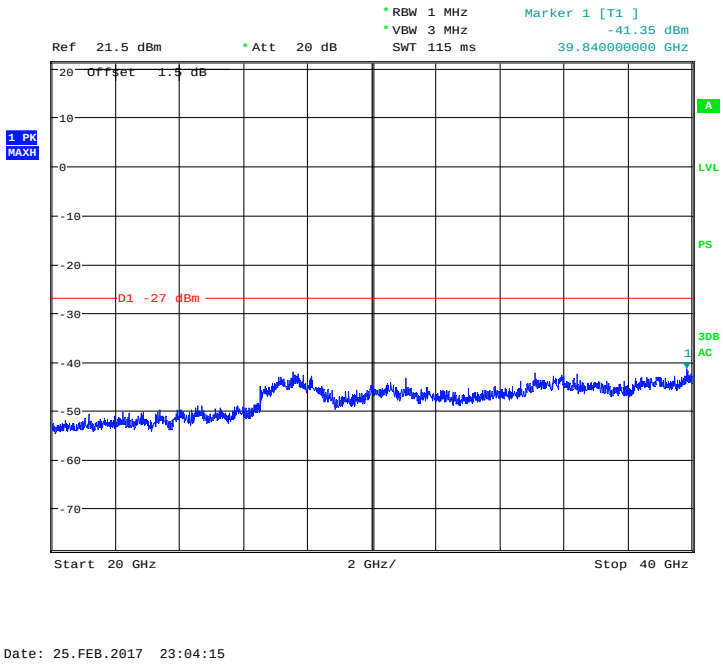

Fig. 334 Transmitter Spurious Emission Conducted 802.11a CH36 20 GHz ~ 40 GHz

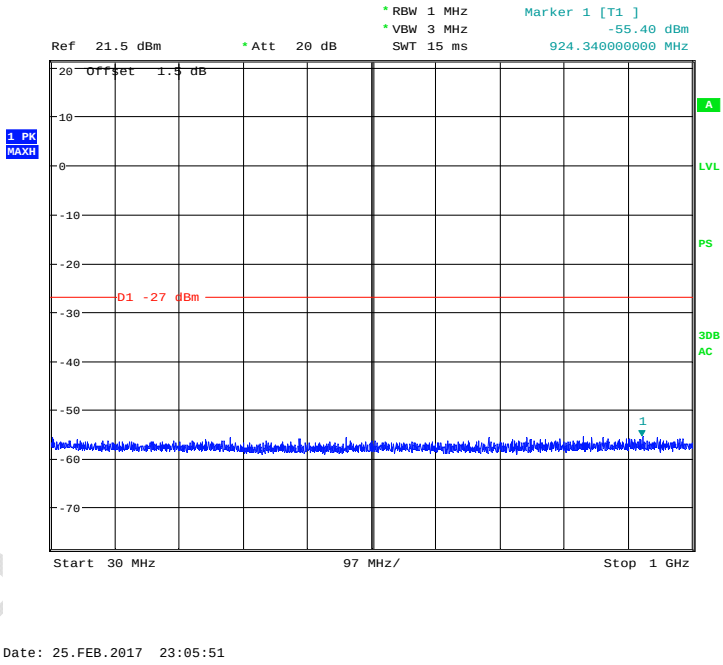

Fig. 335 Transmitter Spurious Emission Conducted 802.11a CH40 30 MHz ~ 1 GHz

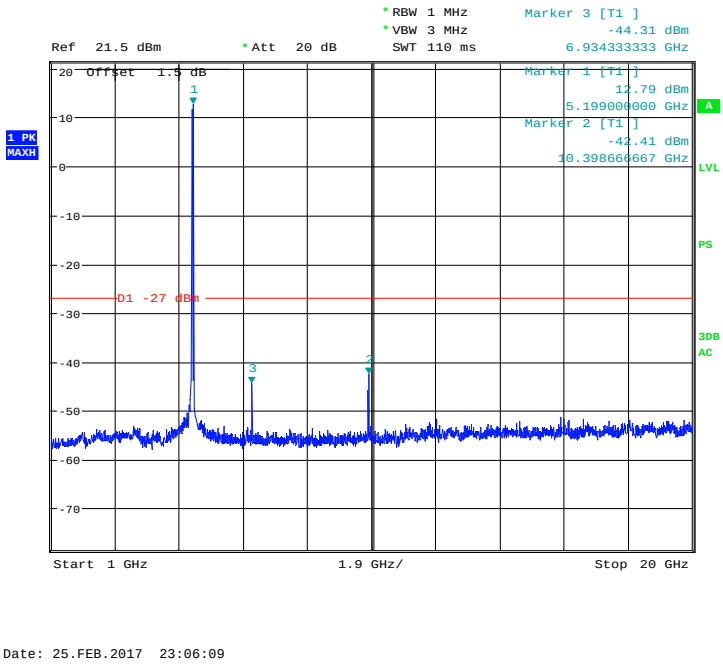

Fig. 336 Transmitter Spurious Emission Conducted 802.11a CH40 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

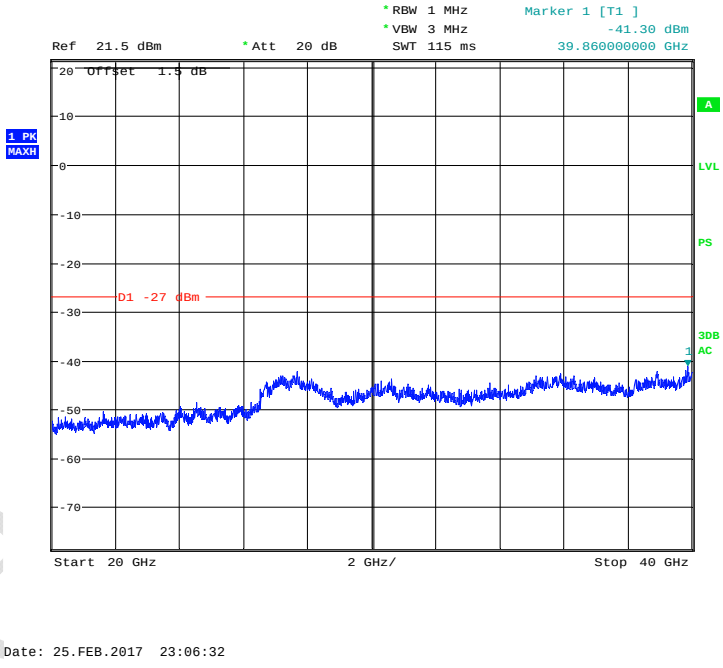

Fig. 337 Transmitter Spurious Emission Conducted 802.11a CH40 20 GHz ~ 40 GHz

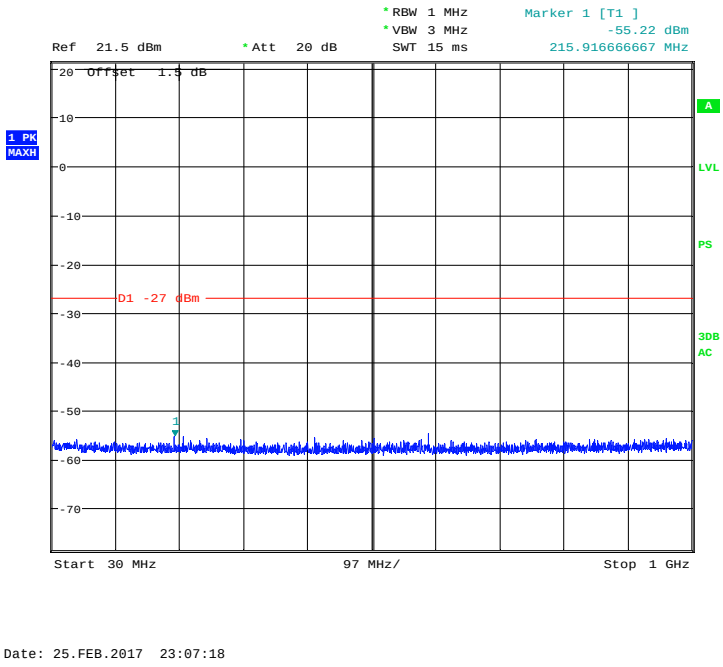

Fig. 338 Transmitter Spurious Emission Conducted 802.11a CH48 30 MHz ~ 1 GHz

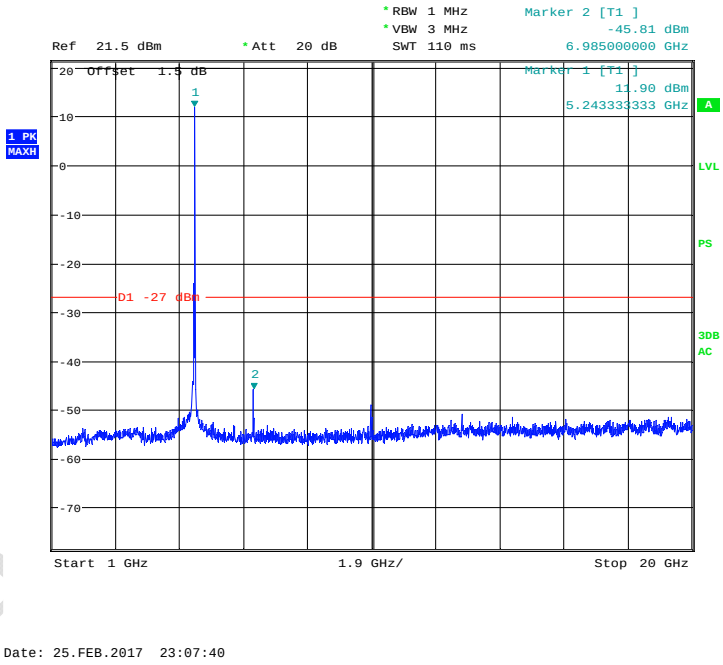

Fig. 339 Transmitter Spurious Emission Conducted 802.11a CH48 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

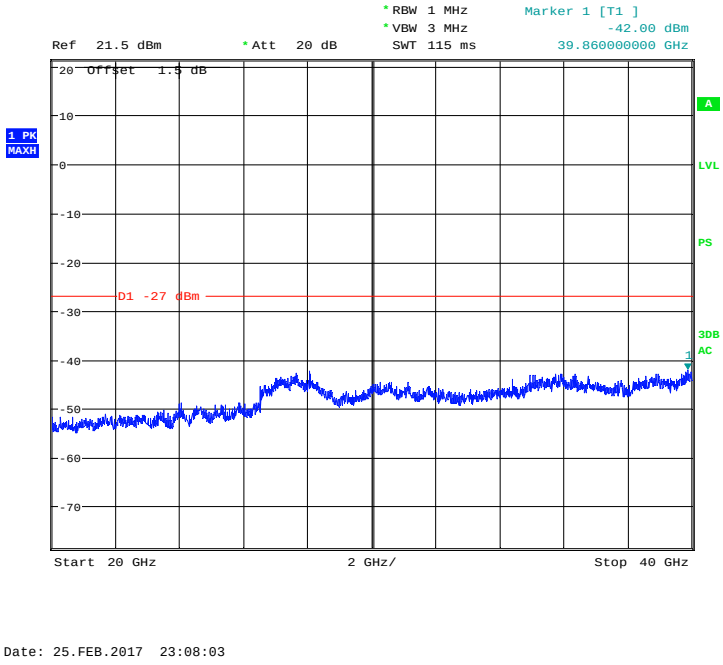

Fig. 340 Transmitter Spurious Emission Conducted 802.11a CH48 20 GHz ~ 40 GHz

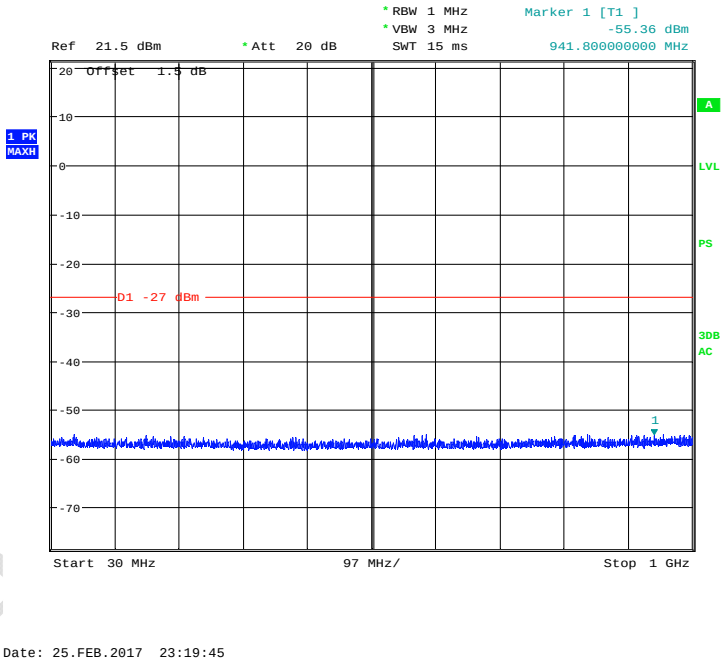

Fig. 341 Transmitter Spurious Emission Conducted 802.11a CH52 30 MHz ~ 1 GHz

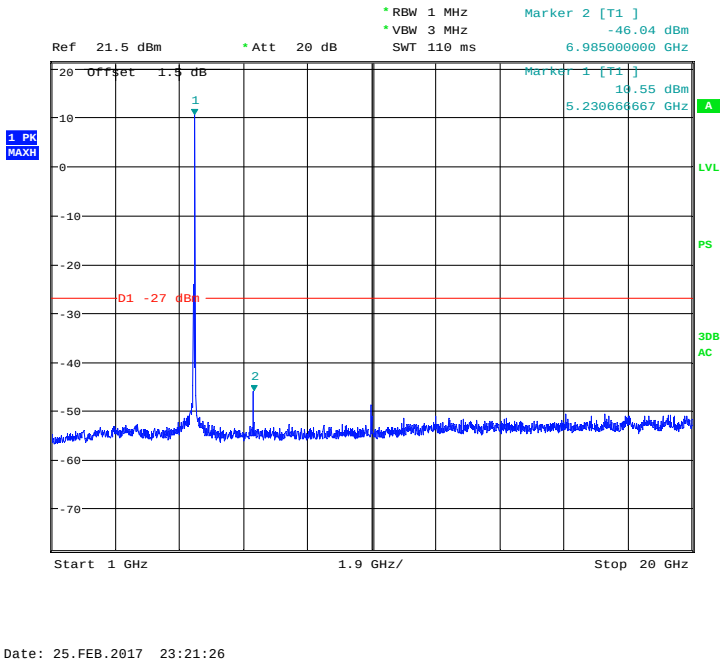

Fig. 342 Transmitter Spurious Emission Conducted 802.11a CH52 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

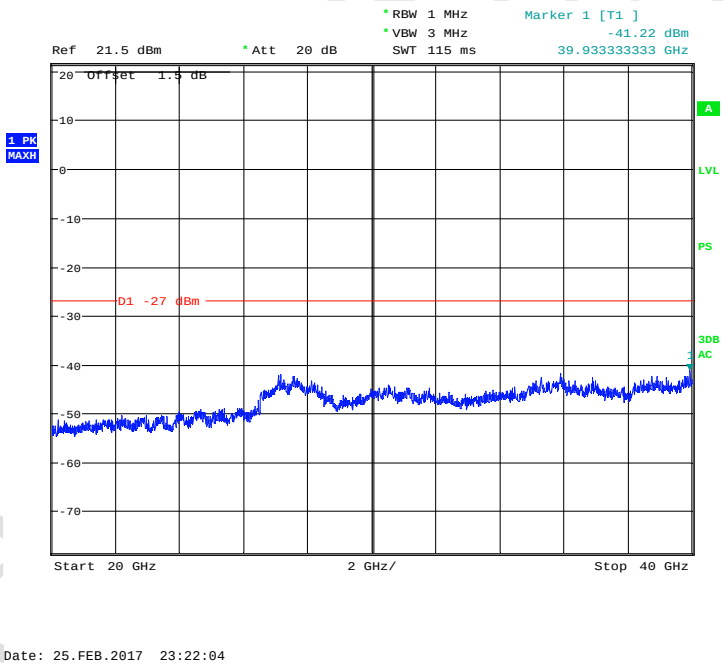

Fig. 343 Transmitter Spurious Emission Conducted 802.11a CH52 20 GHz ~ 40 GHz

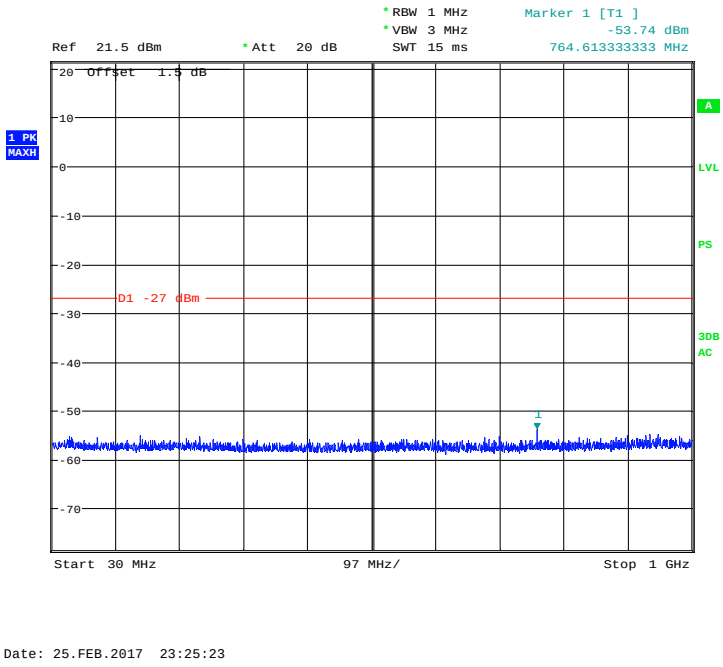

Fig. 344 Transmitter Spurious Emission Conducted 802.11a CH60 30 MHz ~ 1 GHz

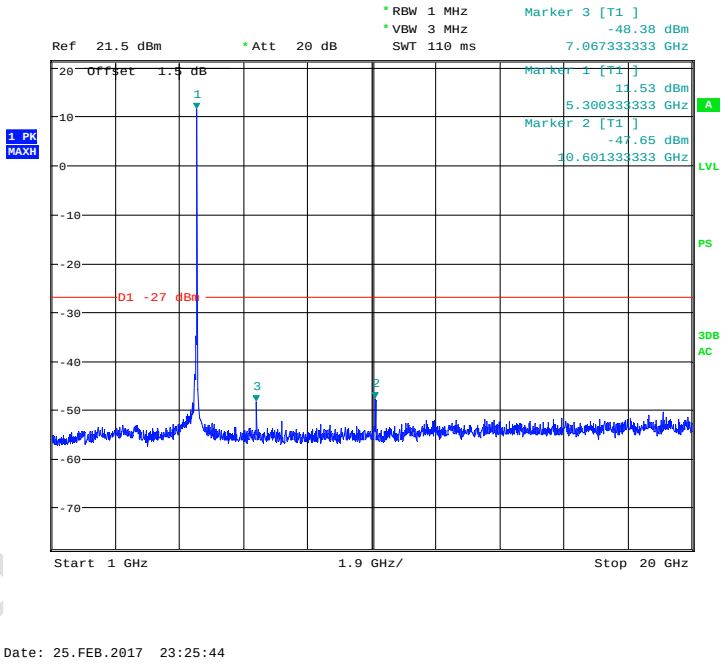

Fig. 345 Transmitter Spurious Emission Conducted 802.11a CH60 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

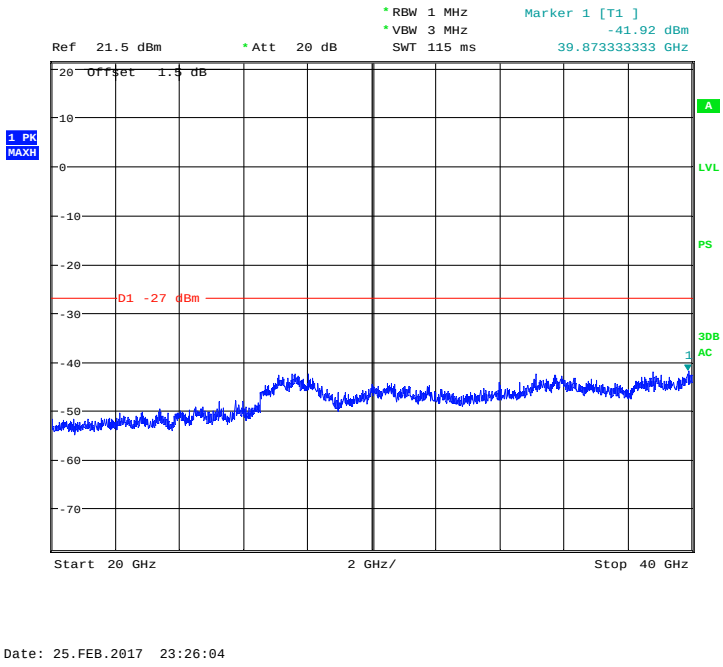

Fig. 346 Transmitter Spurious Emission Conducted 802.11a CH60 20 GHz ~ 40 GHz

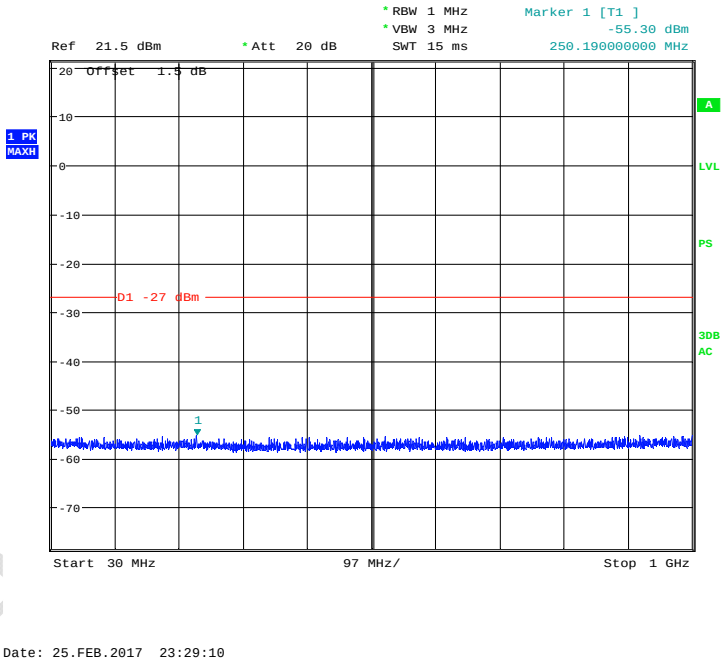

Fig. 347 Transmitter Spurious Emission Conducted 802.11a CH64 30 MHz ~ 1 GHz

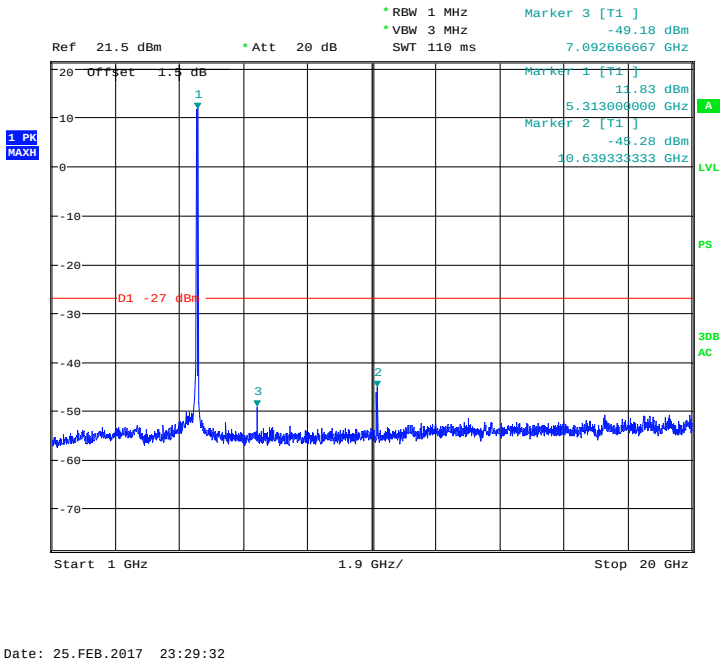

Fig. 348 Transmitter Spurious Emission Conducted 802.11a CH64 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

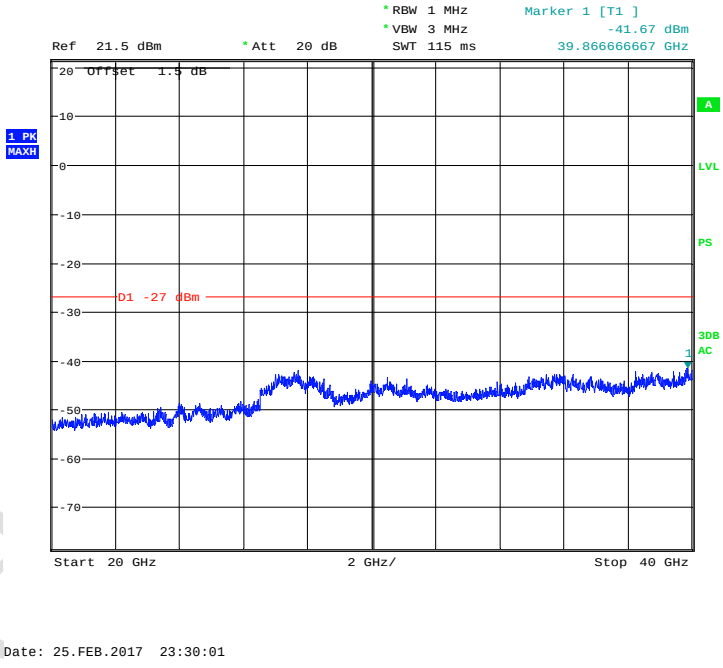

Fig. 349 Transmitter Spurious Emission Conducted 802.11a CH64 20 GHz ~ 40 GHz

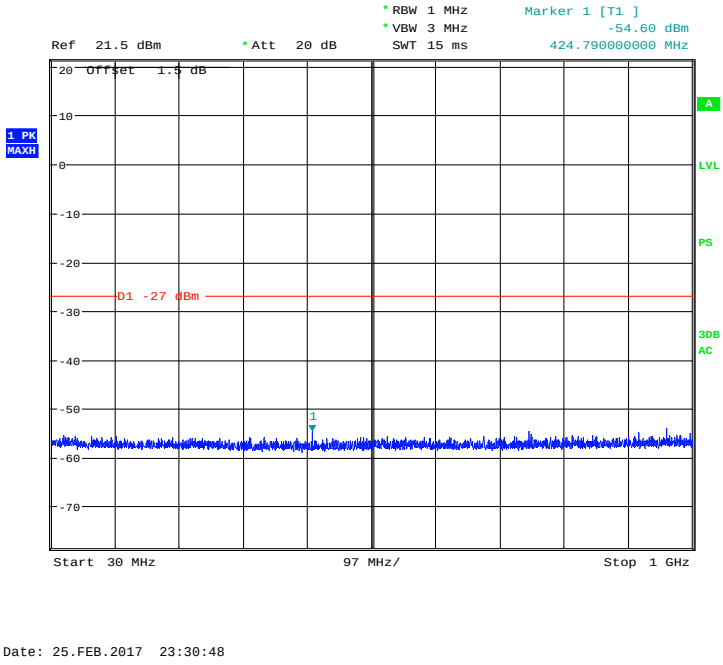

Fig. 350 Transmitter Spurious Emission Conducted 802.11a CH100 30 MHz ~ 1 GHz

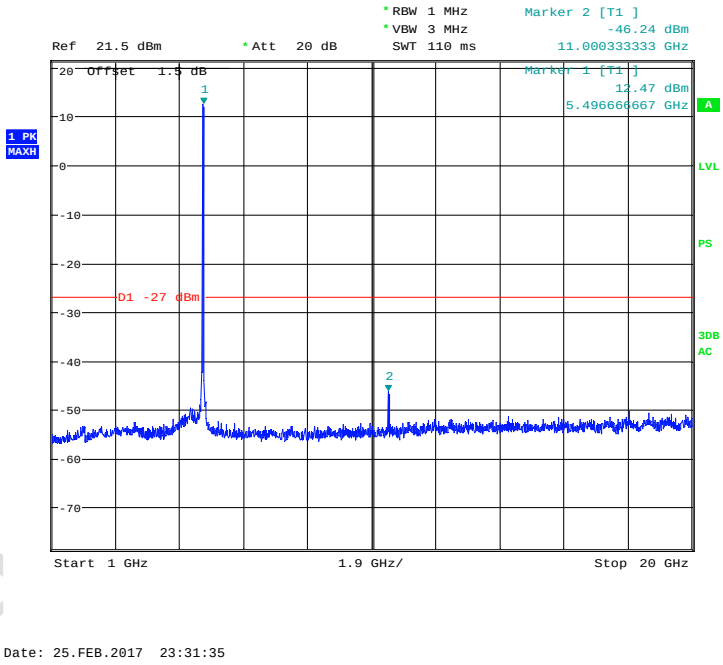

Fig. 351 Transmitter Spurious Emission Conducted 802.11a CH100 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

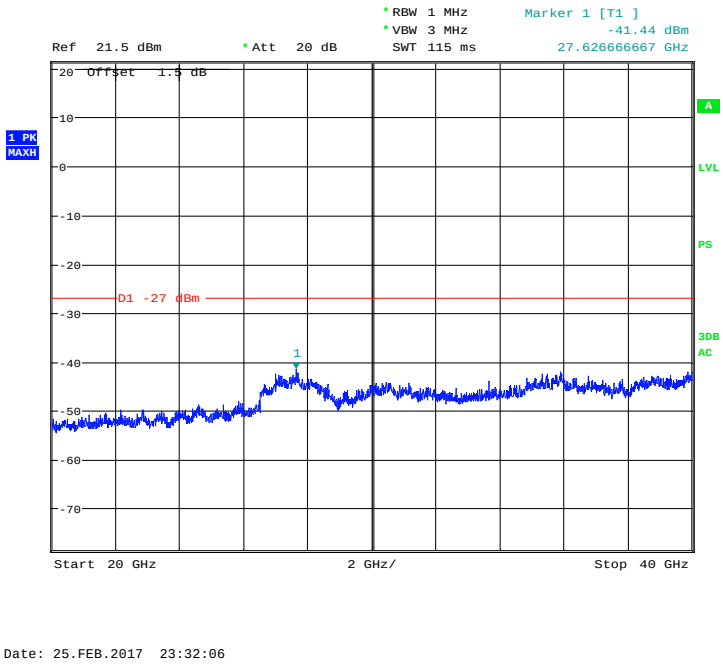

Fig. 352 Transmitter Spurious Emission Conducted 802.11a CH100 20 GHz ~ 40 GHz

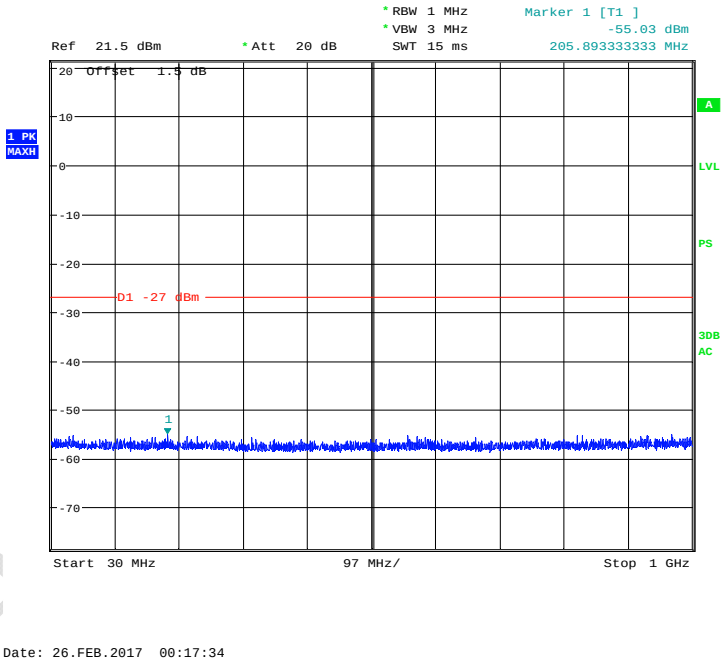

Fig. 353 Transmitter Spurious Emission Conducted 802.11a CH120 30 MHz ~ 1 GHz

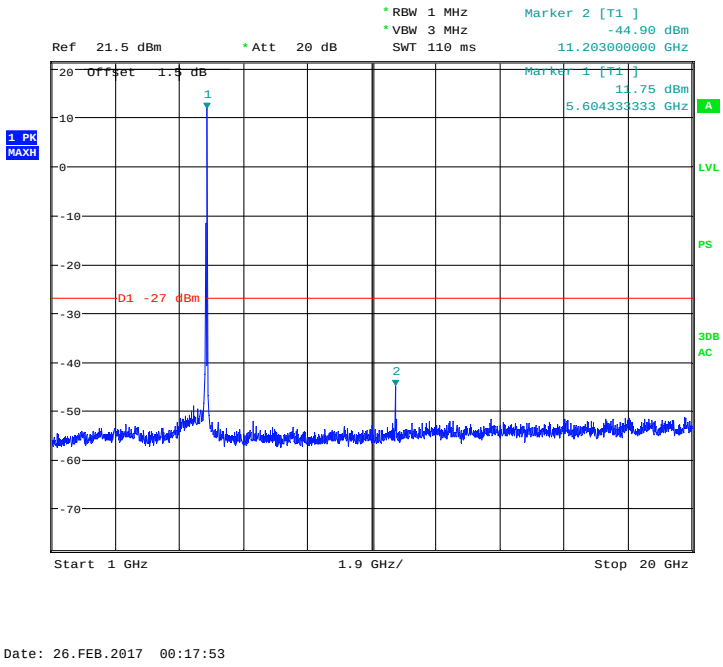

Fig. 354 Transmitter Spurious Emission Conducted 802.11a CH120 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

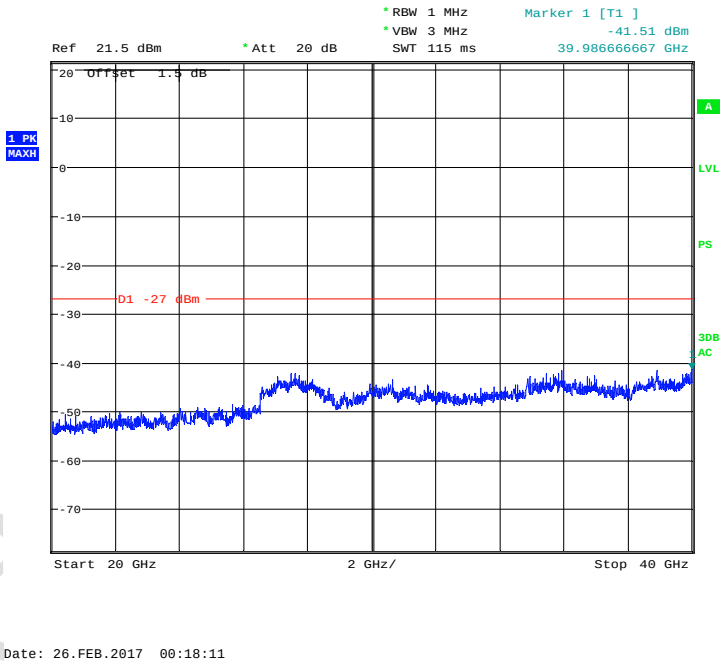

Fig. 355 Transmitter Spurious Emission Conducted 802.11a CH120 20 GHz ~ 40 GHz

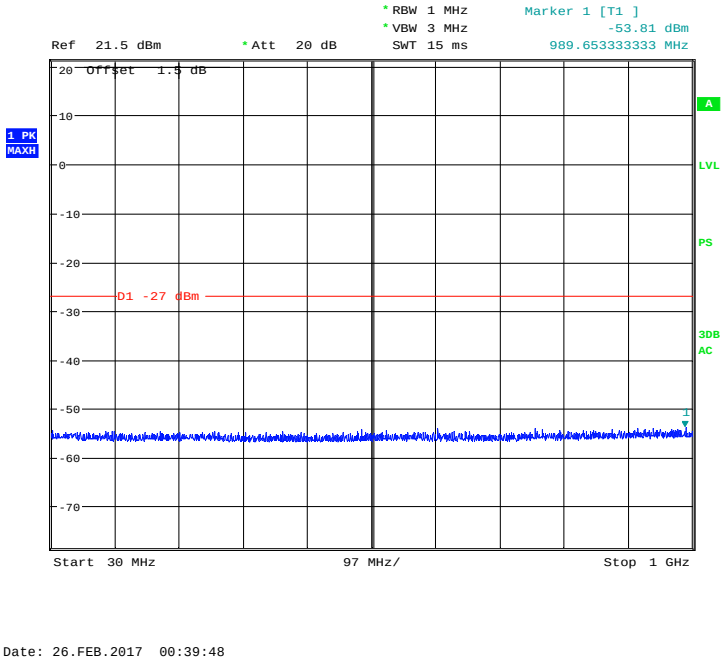

Fig. 356 Transmitter Spurious Emission Conducted 802.11a CH140 30 MHz ~ 1 GHz

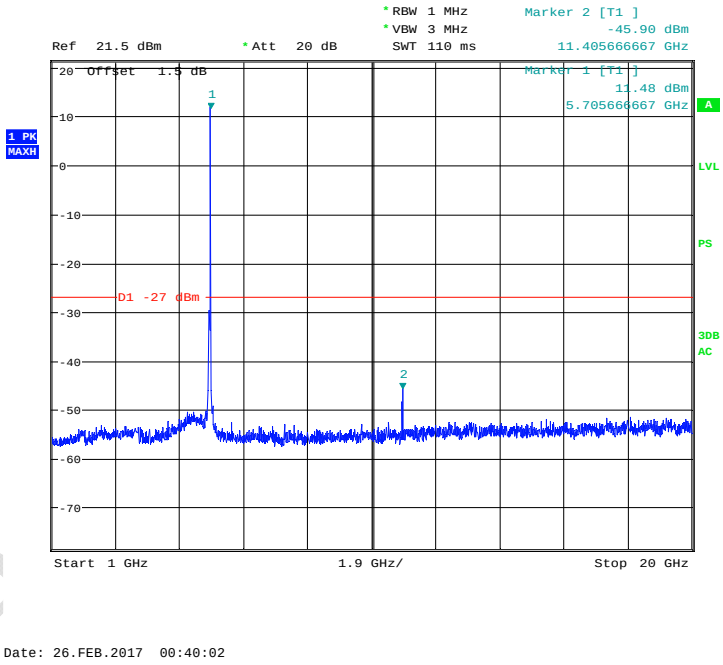

Fig. 357 Transmitter Spurious Emission Conducted 802.11a CH140 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

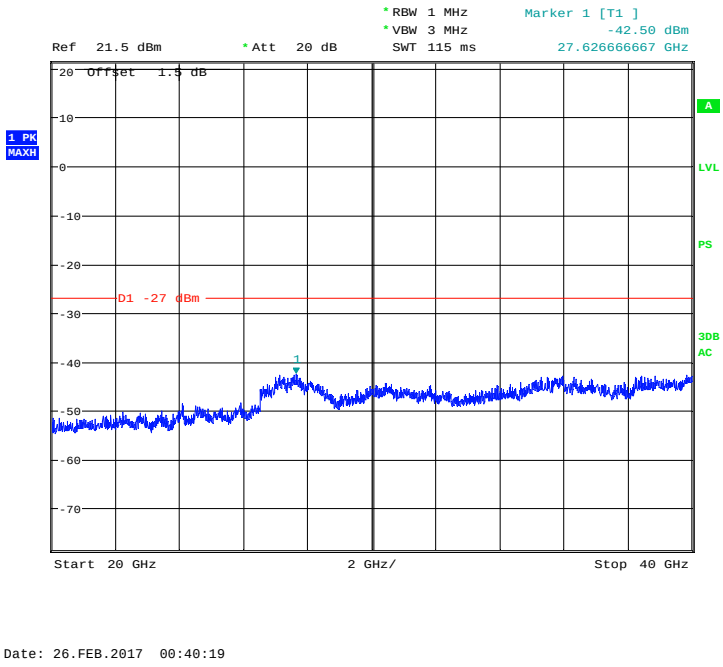

Fig. 358 Transmitter Spurious Emission Conducted 802.11a CH140 20 GHz ~ 40 GHz

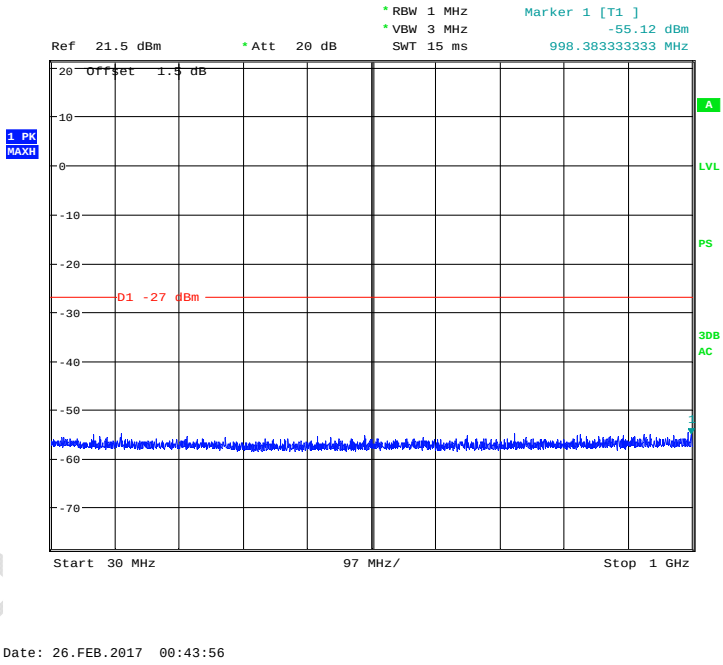

Fig. 359 Transmitter Spurious Emission Conducted 802.11a CH149 30 MHz ~ 1 GHz

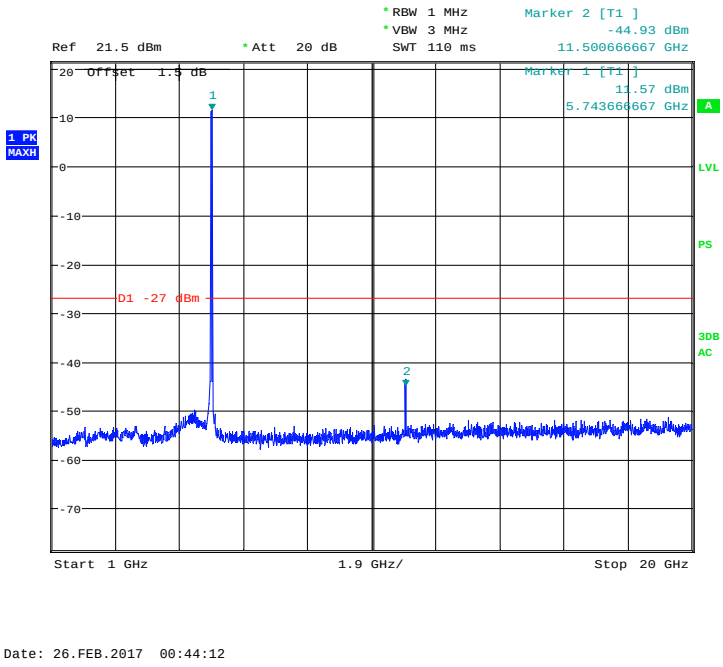

Fig. 360 Transmitter Spurious Emission Conducted 802.11a CH149 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

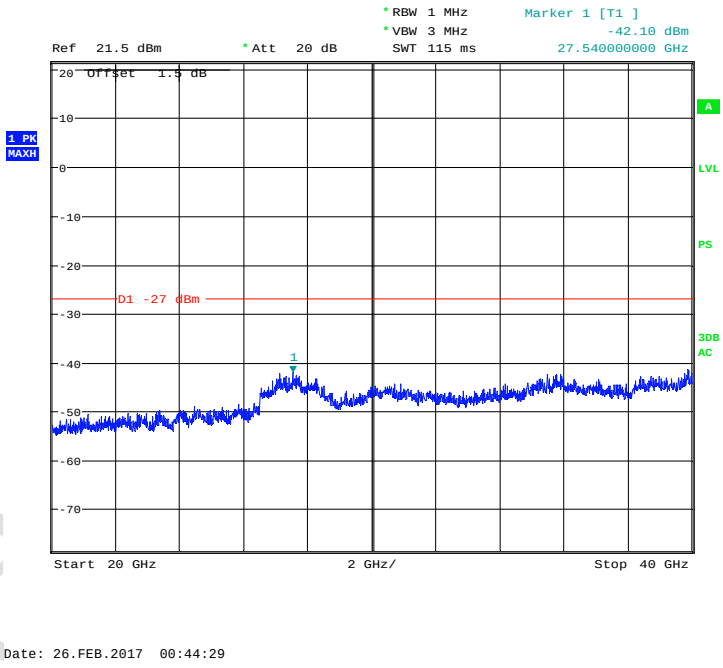

Fig. 361 Transmitter Spurious Emission Conducted 802.11a CH149 20 GHz ~ 40 GHz

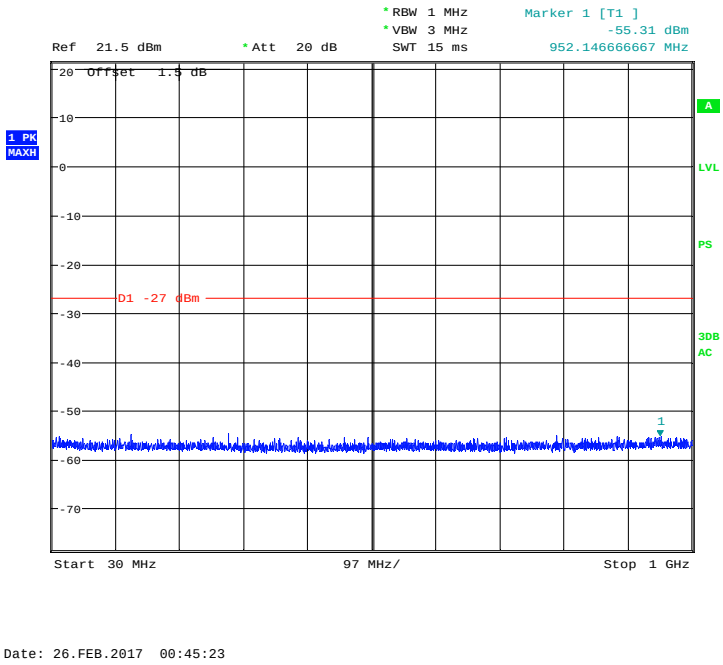

Fig. 362 Transmitter Spurious Emission Conducted 802.11a CH157 30 MHz ~ 1 GHz

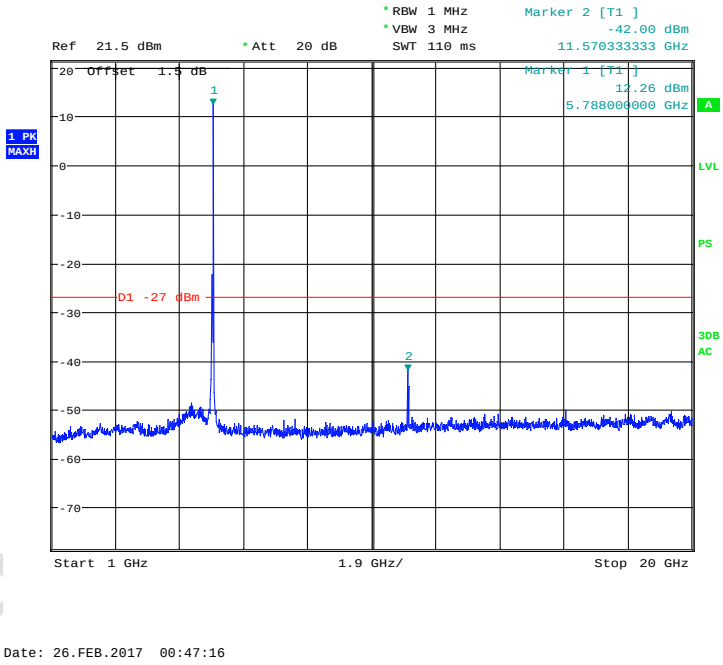

Fig. 363 Transmitter Spurious Emission Conducted 802.11a CH157 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

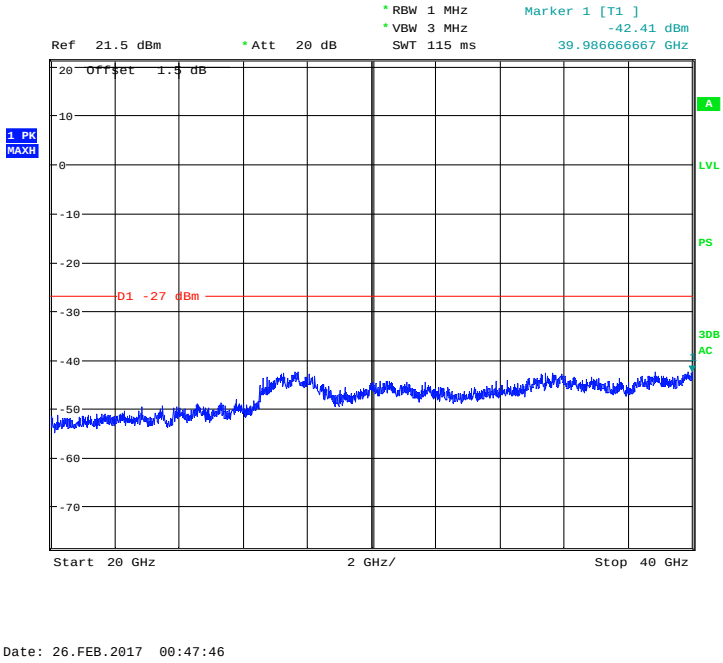

Fig. 364 Transmitter Spurious Emission Conducted 802.11a CH157 20 GHz ~ 40 GHz

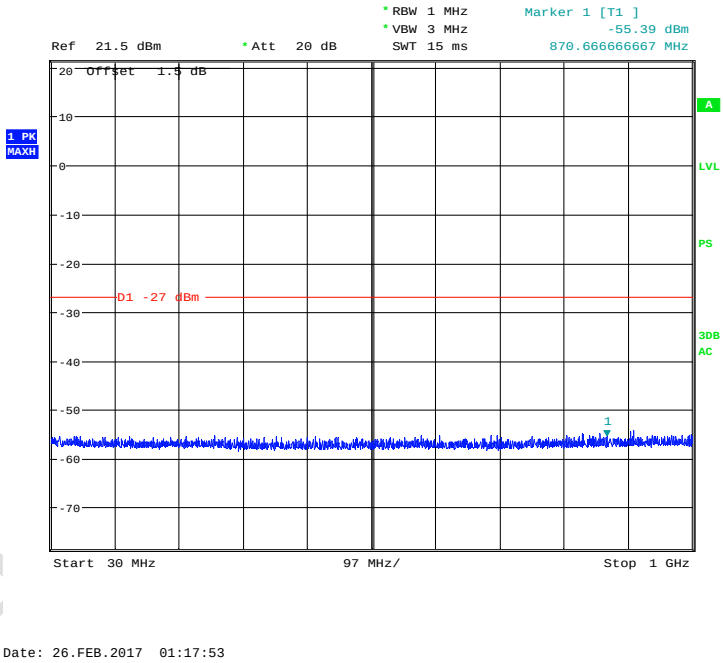

Fig. 365 Transmitter Spurious Emission Conducted 802.11n 20MHz CH36 30 MHz ~ 1 GHz

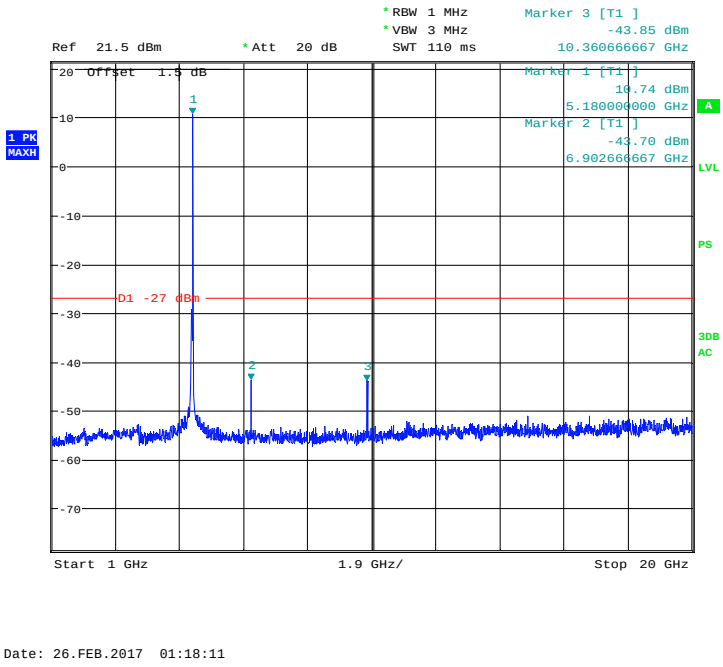

Fig. 366 Transmitter Spurious Emission Conducted 802.11n 20MHz CH36 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

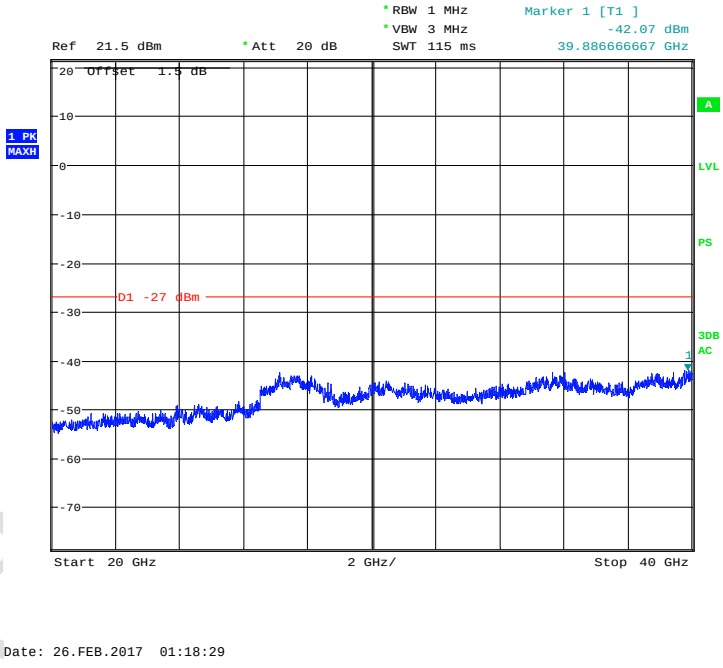

Fig. 367 Transmitter Spurious Emission Conducted 802.11n 20MHz CH36 20 GHz ~ 40 GHz

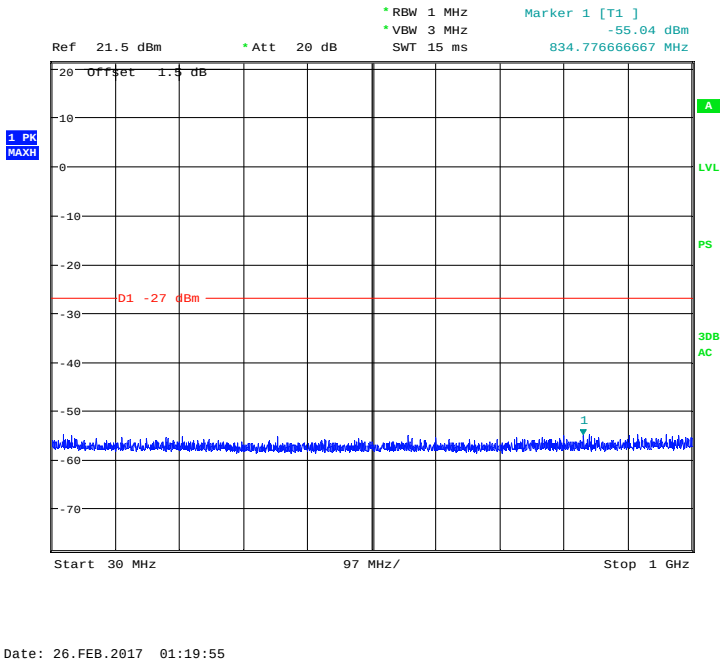

Fig. 368 Transmitter Spurious Emission Conducted 802.11n 20MHz CH40 30 MHz ~ 1 GHz

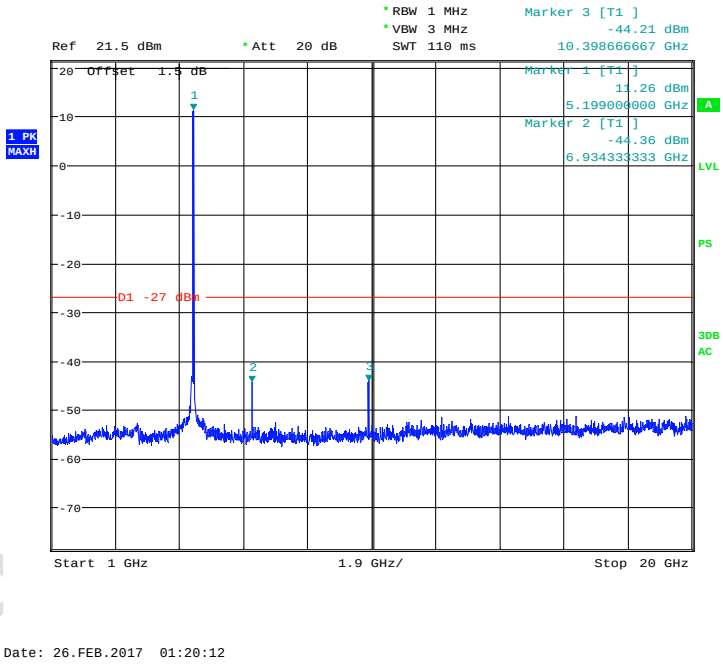

Fig. 369 Transmitter Spurious Emission Conducted 802.11n 20MHz CH40 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

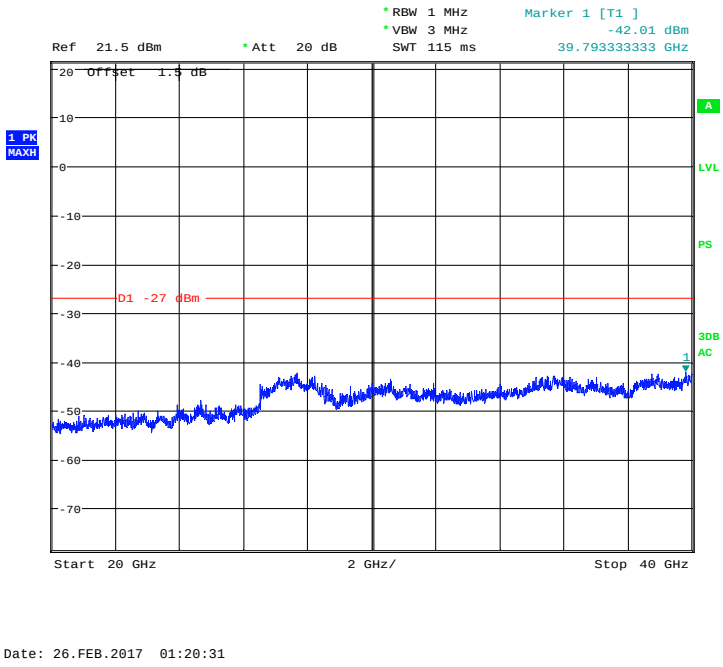

Fig. 370 Transmitter Spurious Emission Conducted 802.11n 20MHz CH40 20 GHz ~ 40 GHz

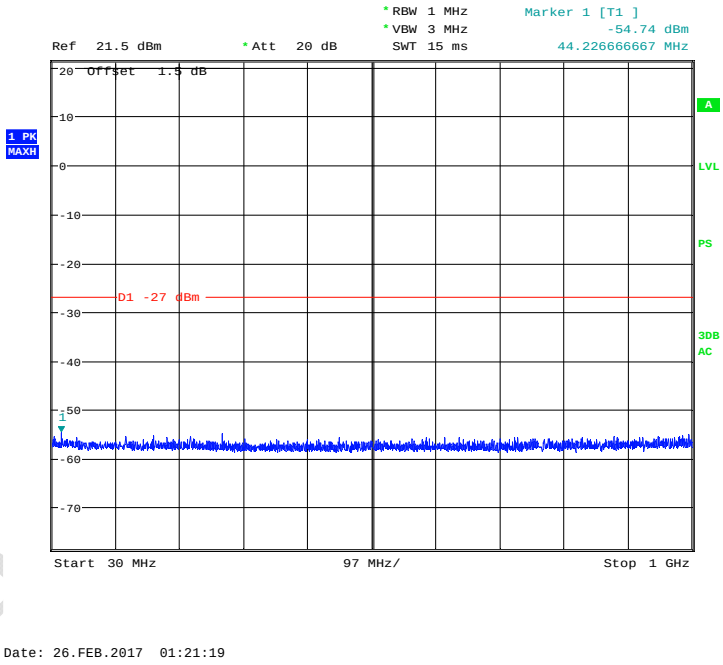

Fig. 371 Transmitter Spurious Emission Conducted 802.11n 20MHz CH48 30 MHz ~ 1 GHz

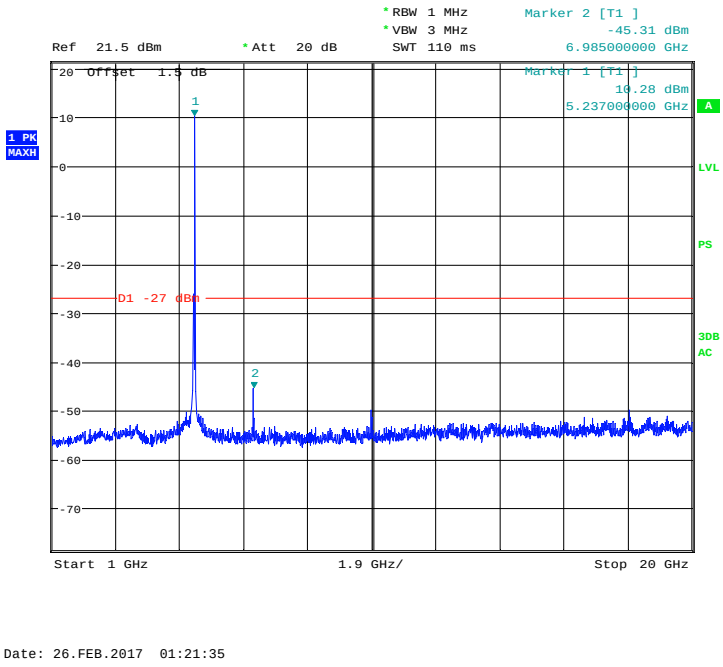

Fig. 372 Transmitter Spurious Emission Conducted 802.11n 20MHz CH48 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

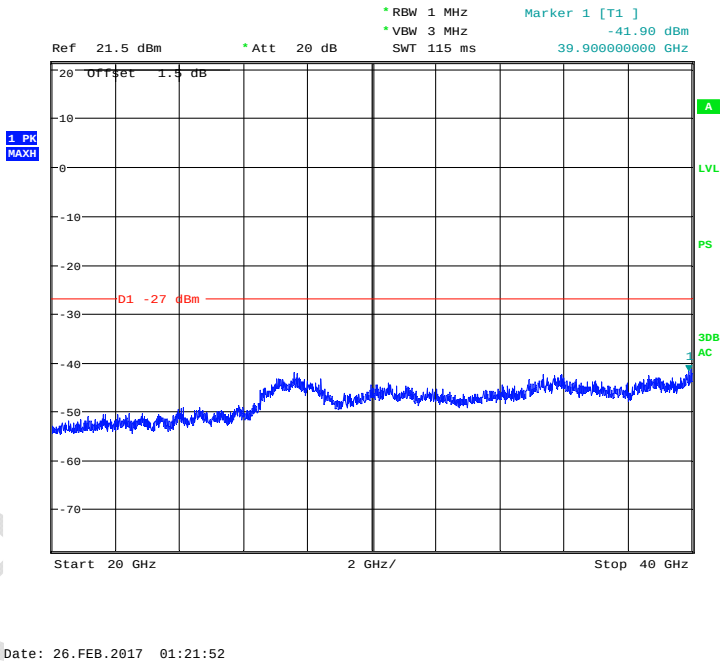

Fig. 373 Transmitter Spurious Emission Conducted 802.11n 20MHz CH48 20 GHz ~ 40 GHz

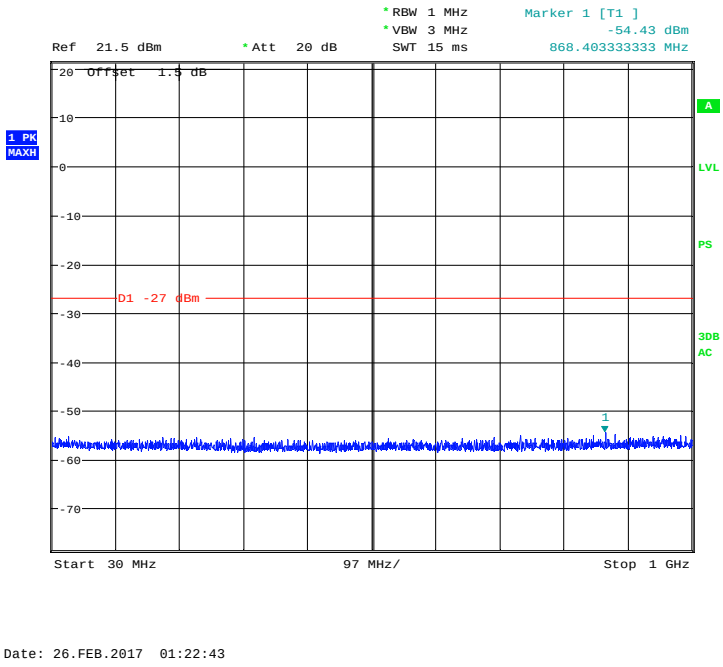

Fig. 374 Transmitter Spurious Emission Conducted 802.11n 20MHz CH52 30 MHz ~ 1 GHz

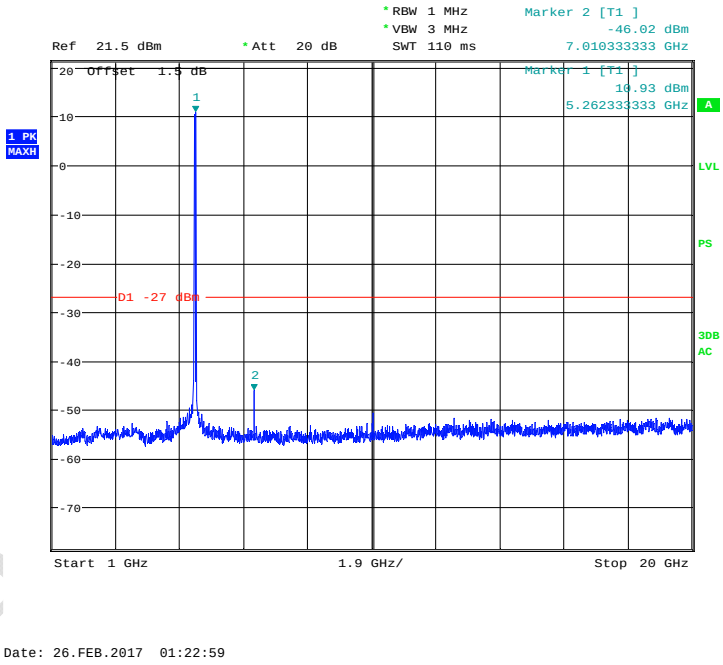

Fig. 375 Transmitter Spurious Emission Conducted 802.11n 20MHz CH52 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

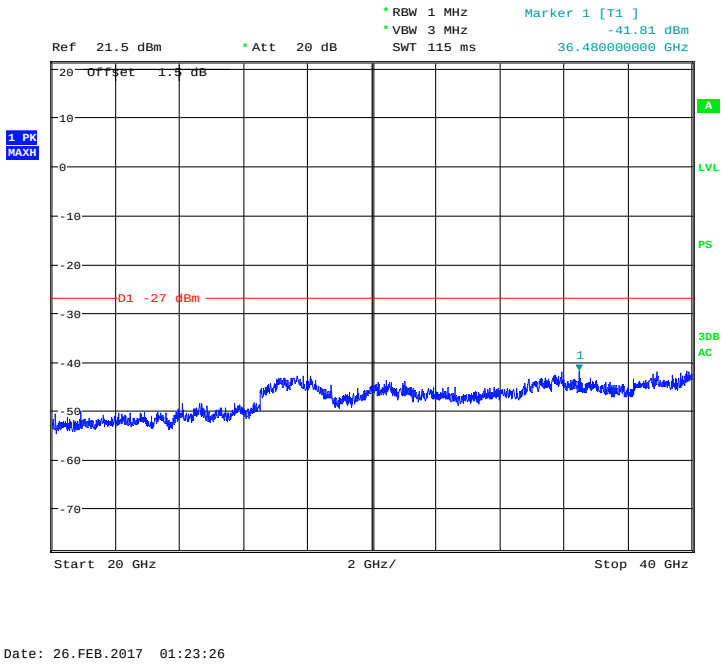

Fig. 376 Transmitter Spurious Emission Conducted 802.11n 20MHz CH52 20 GHz ~ 40 GHz

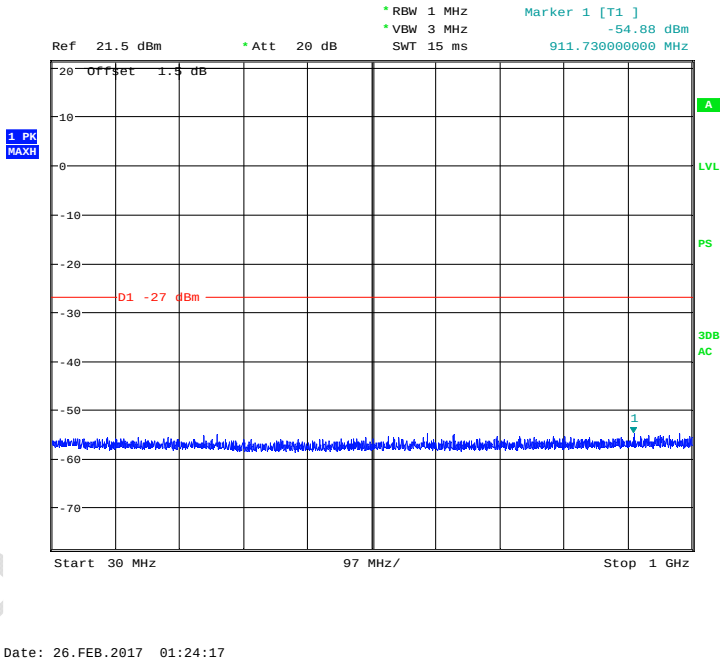

Fig. 377 Transmitter Spurious Emission Conducted 802.11n 20MHz CH60 30 MHz ~ 1 GHz

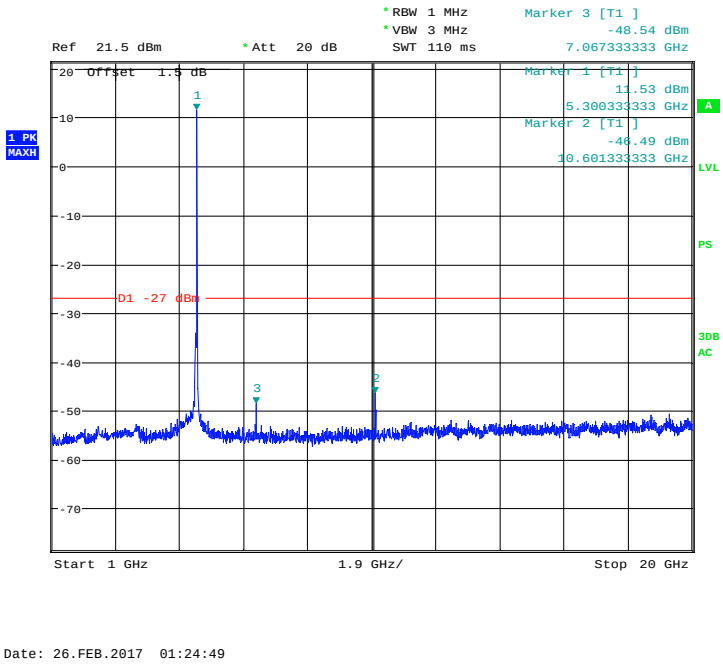

Fig. 378 Transmitter Spurious Emission Conducted 802.11n 20MHz CH60 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

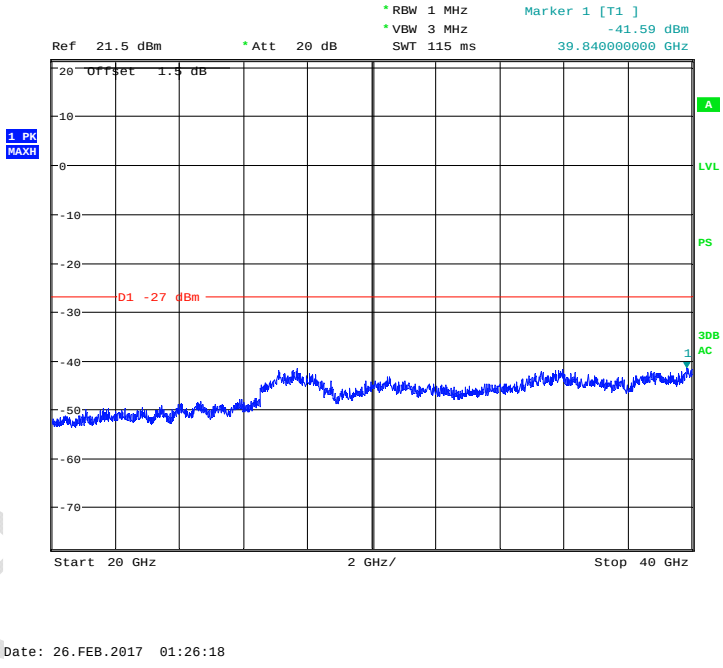

Fig. 379 Transmitter Spurious Emission Conducted 802.11n 20MHz CH60 20 GHz ~ 40 GHz

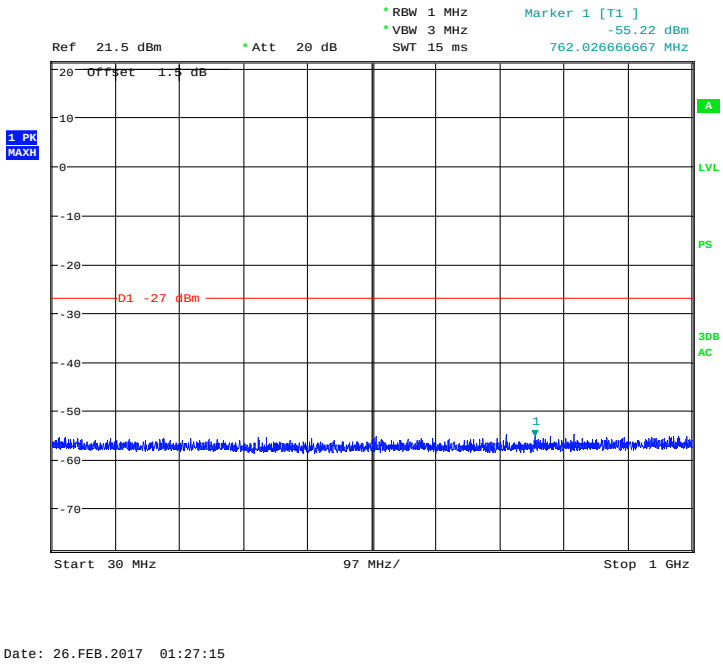

Fig. 380 Transmitter Spurious Emission Conducted 802.11n 20MHz CH64 30 MHz ~ 1 GHz

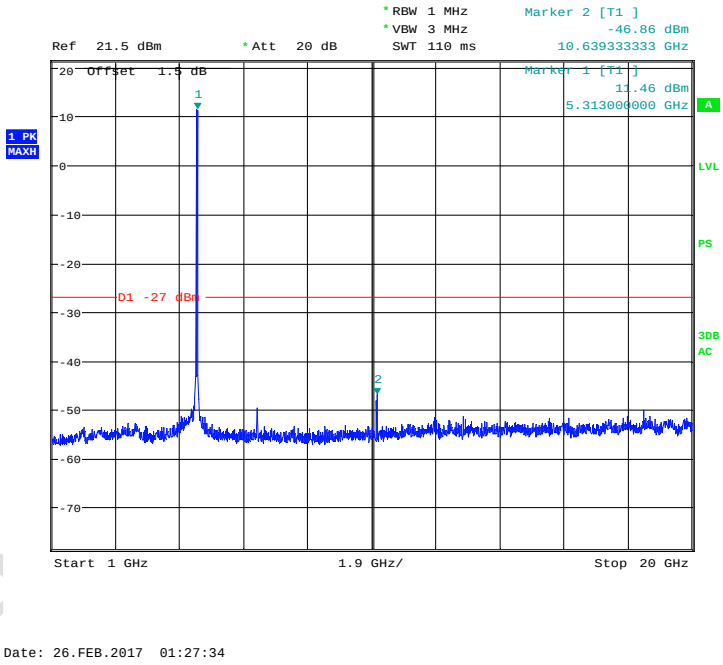

Fig. 381 Transmitter Spurious Emission Conducted 802.11n 20MHz CH64 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

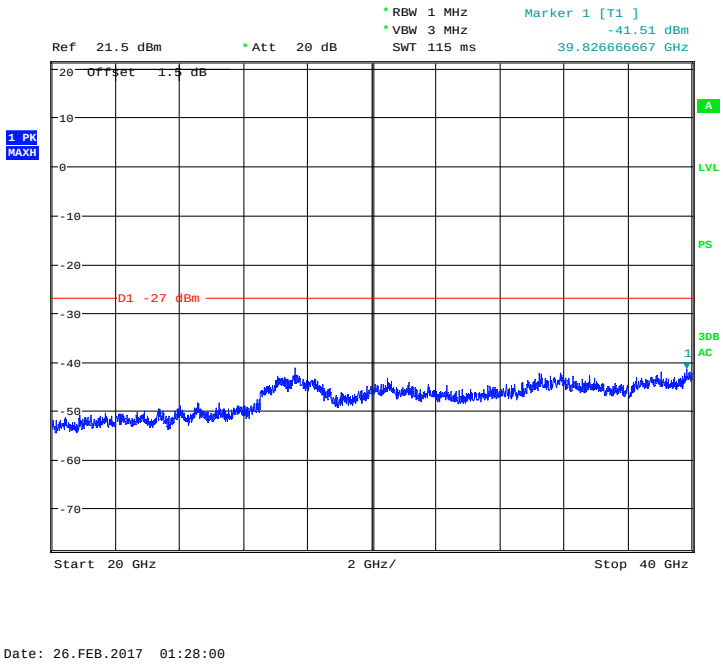

Fig. 382 Transmitter Spurious Emission Conducted 802.11n 20MHz CH64 20 GHz ~ 40 GHz

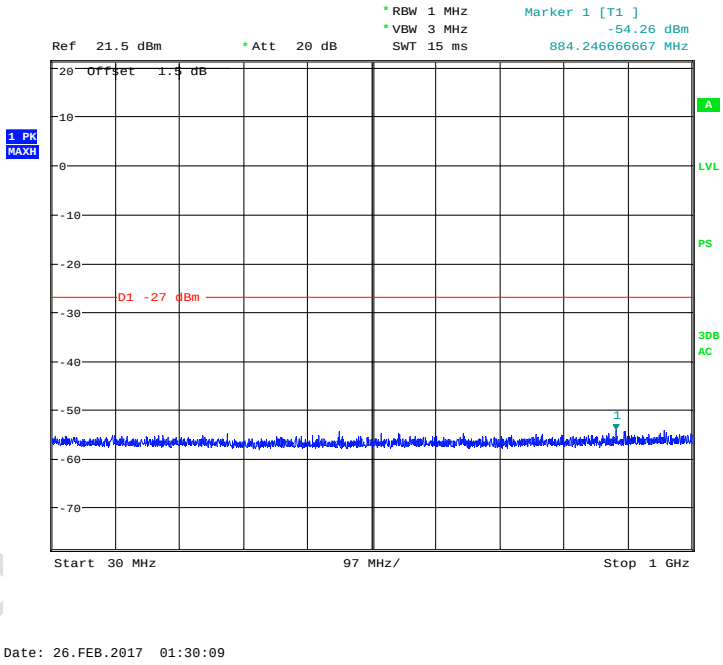

Fig. 383 Transmitter Spurious Emission Conducted 802.11n 20MHz CH100 30 MHz ~ 1 GHz

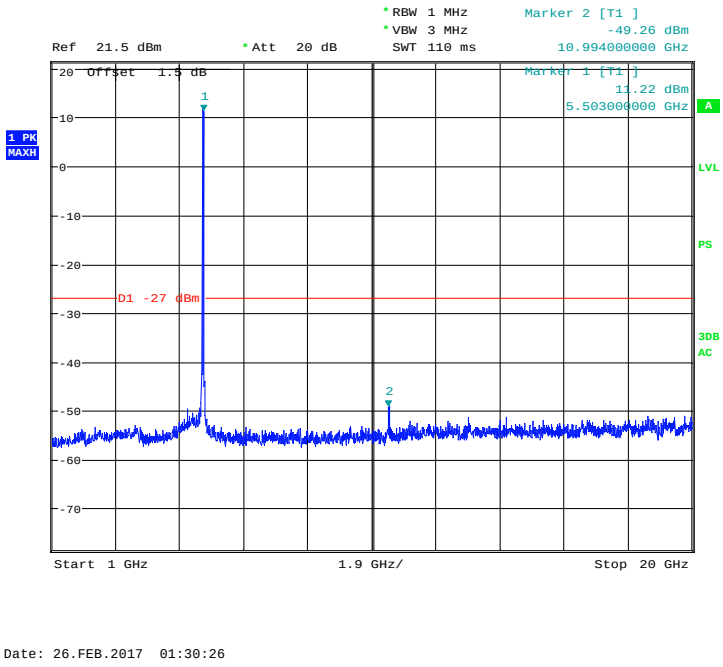

Fig. 384 Transmitter Spurious Emission Conducted 802.11n 20MHz CH100 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

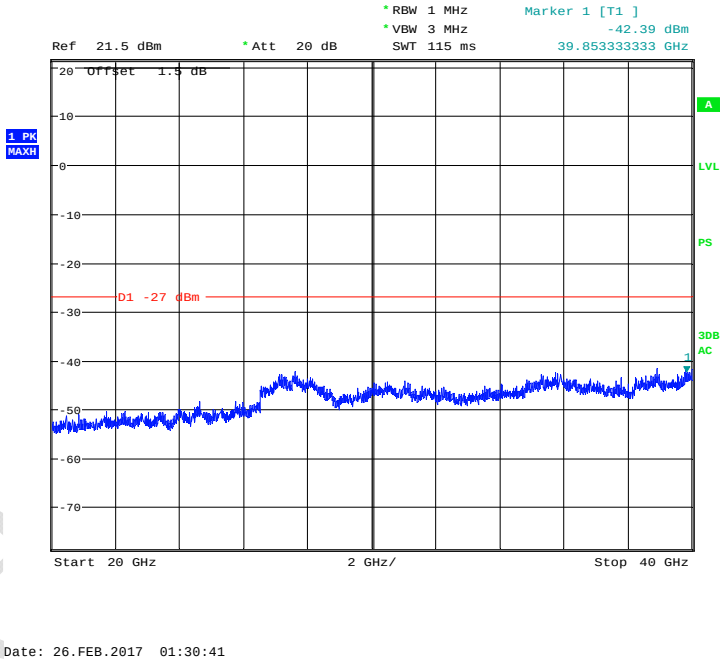

Fig. 385 Transmitter Spurious Emission Conducted 802.11n 20MHz CH100 20 GHz ~ 40 GHz

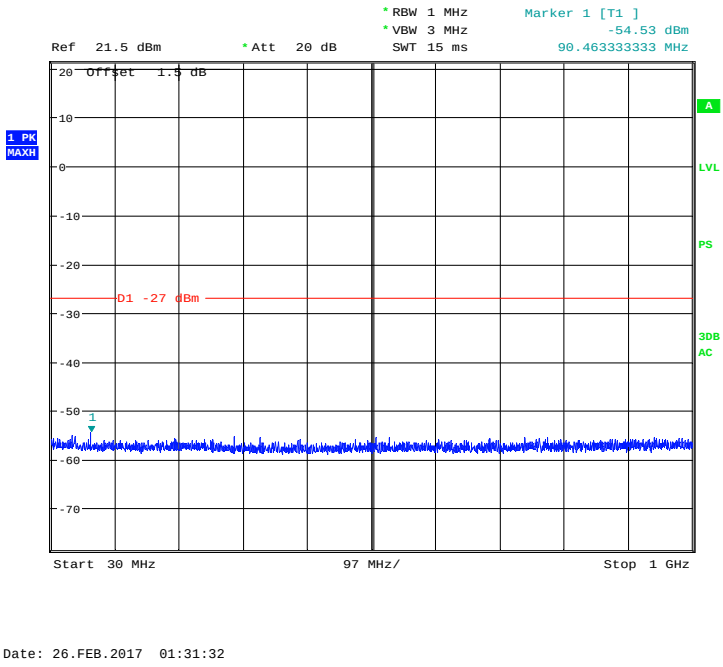

Fig. 386 Transmitter Spurious Emission Conducted 802.11n 20MHz CH120 30 MHz ~ 1 GHz

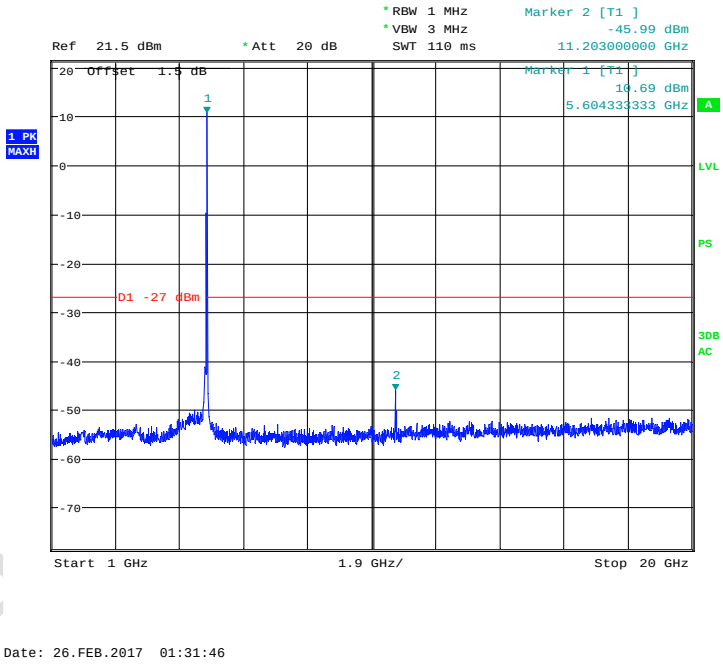

Fig. 387 Transmitter Spurious Emission Conducted 802.11n 20MHz CH120 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

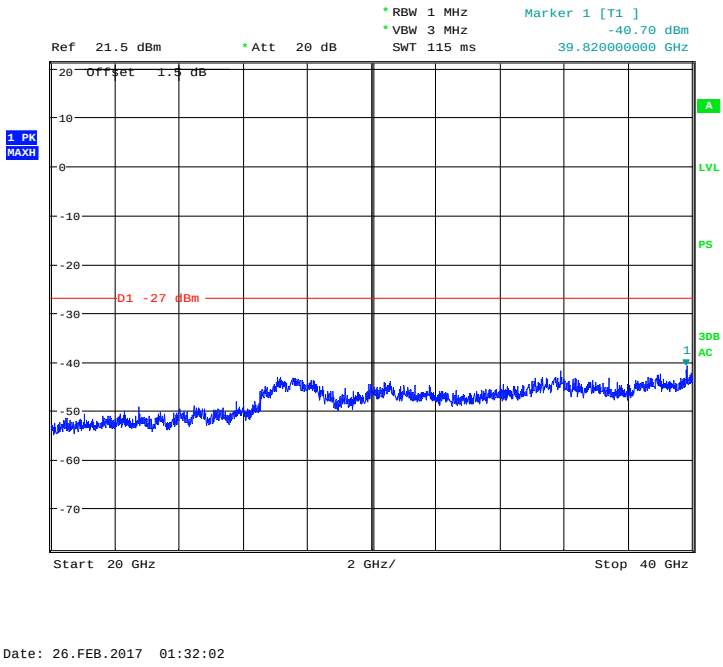

Fig. 388 Transmitter Spurious Emission Conducted 802.11n 20MHz CH120 20 GHz ~ 40 GHz

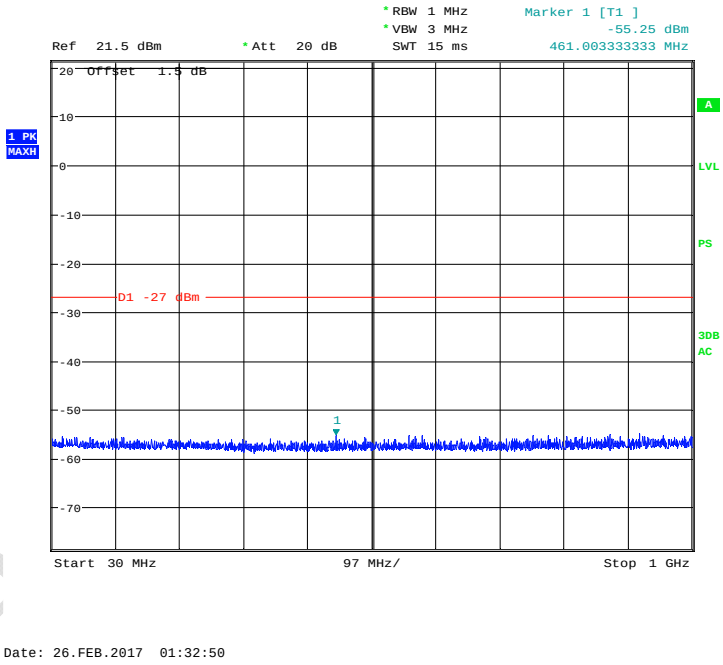

Fig. 389 Transmitter Spurious Emission Conducted 802.11n 20MHz CH140 30 MHz ~ 1 GHz

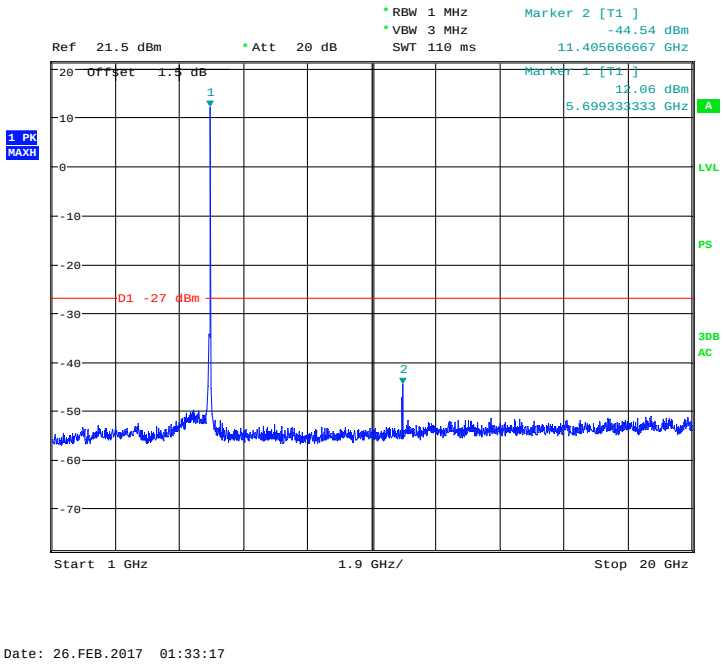

Fig. 390 Transmitter Spurious Emission Conducted 802.11n 20MHz CH140 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

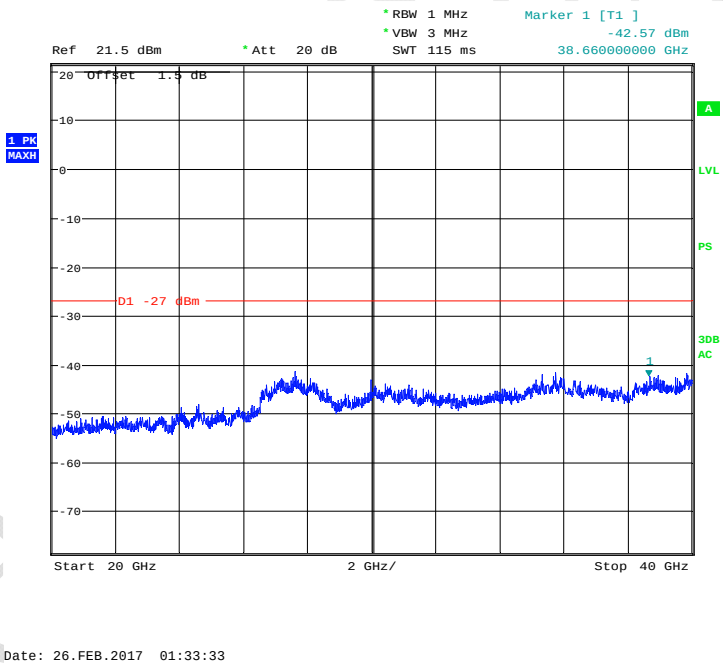

Fig. 391 Transmitter Spurious Emission Conducted 802.11n 20MHz CH140 20 GHz ~ 40 GHz

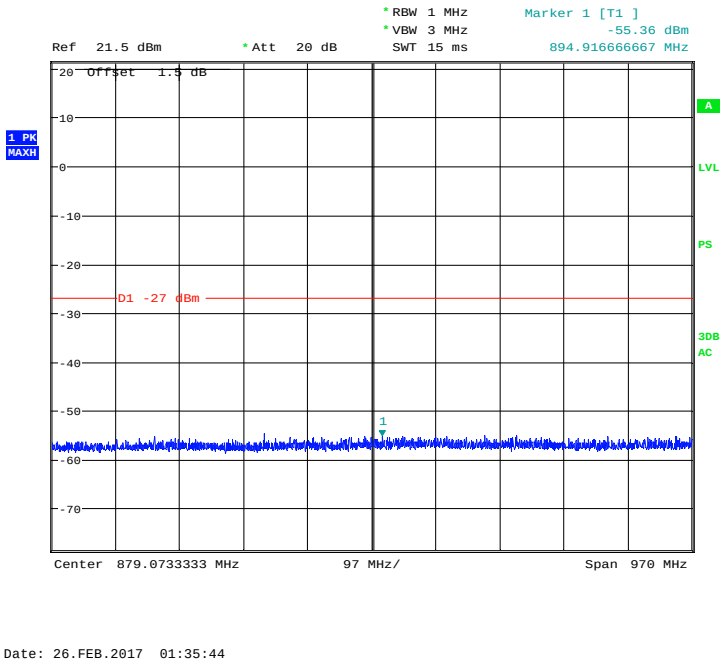

Fig. 392 Transmitter Spurious Emission Conducted 802.11n 20MHz CH149 30 MHz ~ 1 GHz

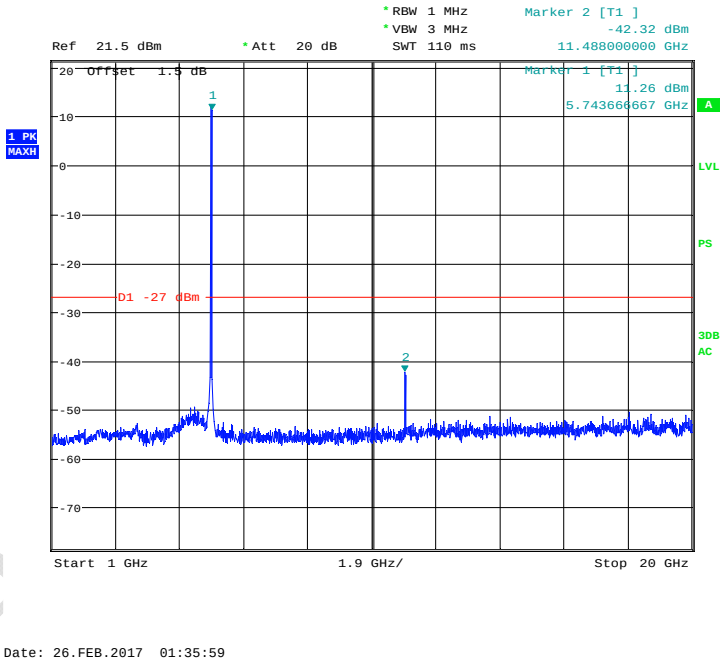

Fig. 393 Transmitter Spurious Emission Conducted 802.11n 20MHz CH149 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

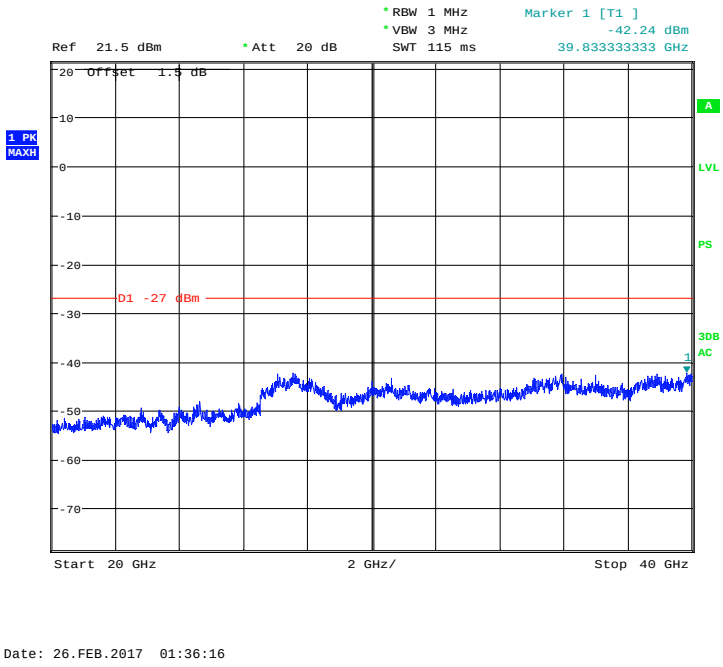

Fig. 394 Transmitter Spurious Emission Conducted 802.11n 20MHz CH149 20 GHz ~ 40 GHz

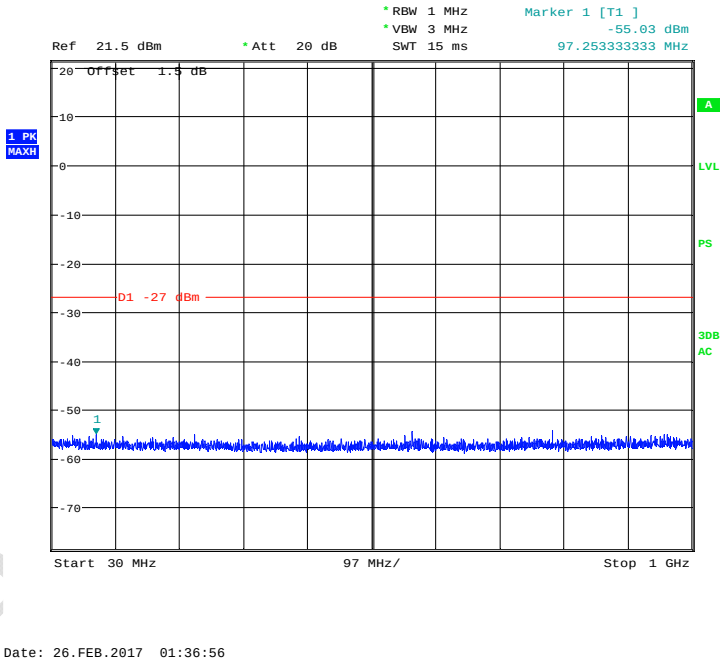

Fig. 395 Transmitter Spurious Emission Conducted 802.11n 20MHz CH157 30 MHz ~ 1 GHz

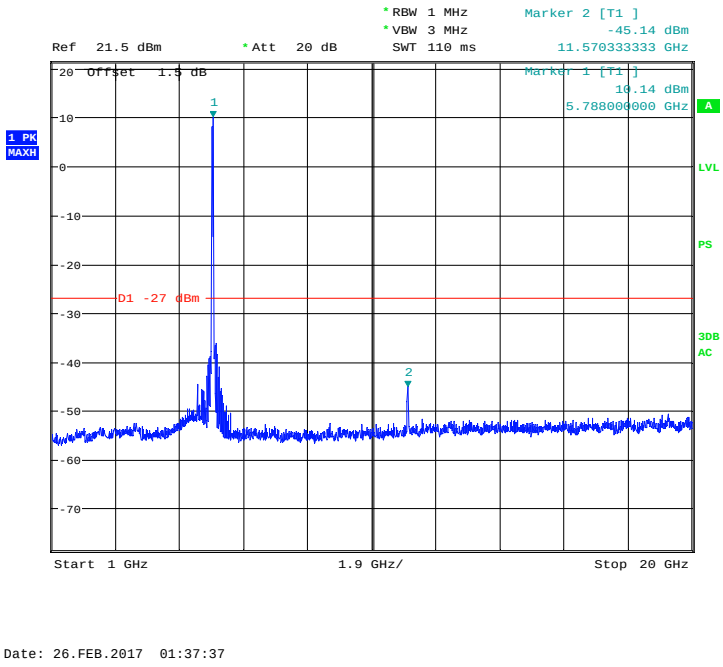

Fig. 396 Transmitter Spurious Emission Conducted 802.11n 20MHz CH157 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

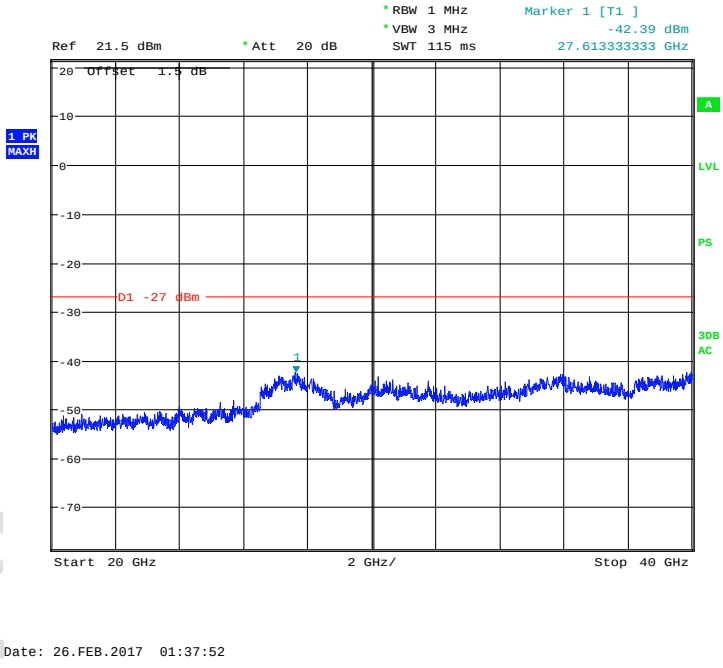

Fig. 397 Transmitter Spurious Emission Conducted 802.11n 20MHz CH157 20 GHz ~ 40 GHz

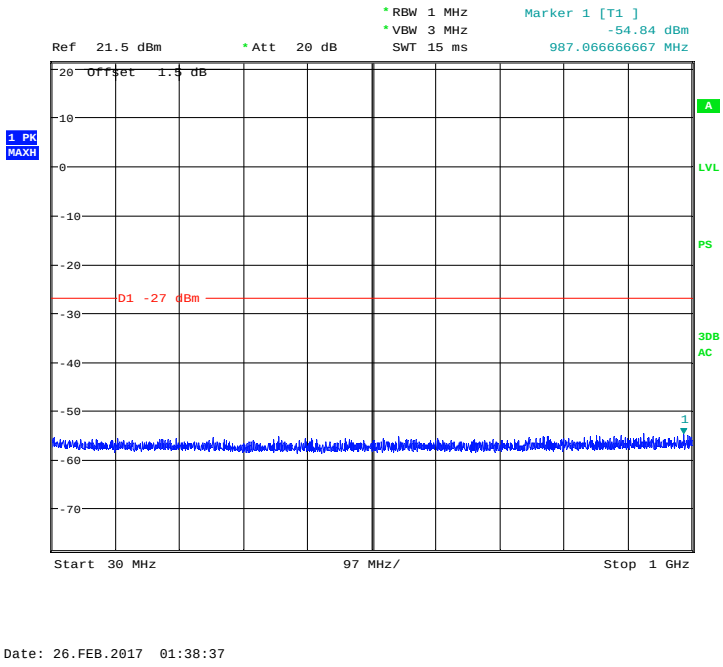

Fig. 398 Transmitter Spurious Emission Conducted 802.11n 20MHz CH165 30 MHz ~ 1 GHz

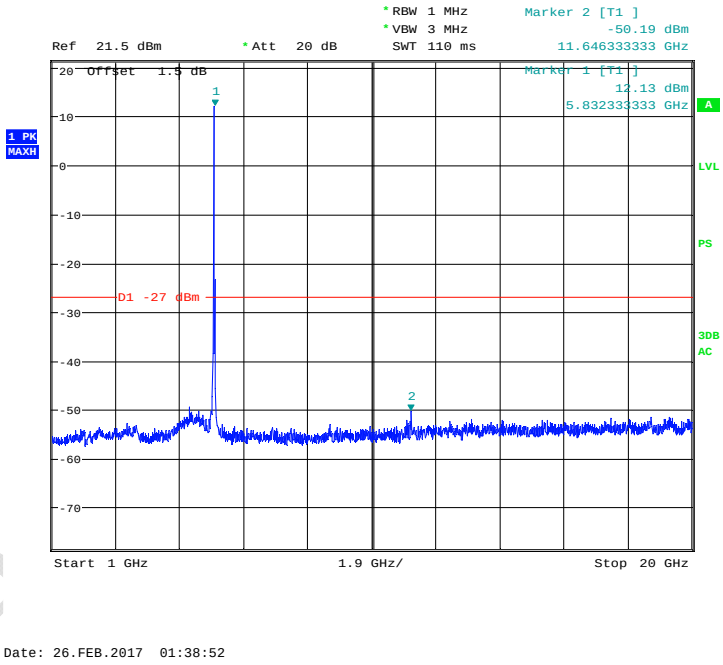

Fig. 399 Transmitter Spurious Emission Conducted 802.11n 20MHz CH165 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

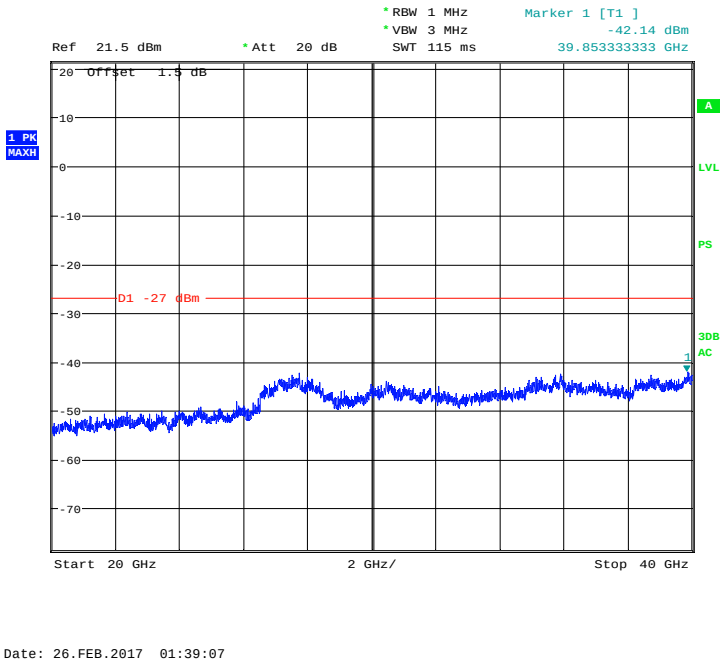

Fig. 400 Transmitter Spurious Emission Conducted 802.11n 20MHz CH165 20 GHz ~ 40 GHz

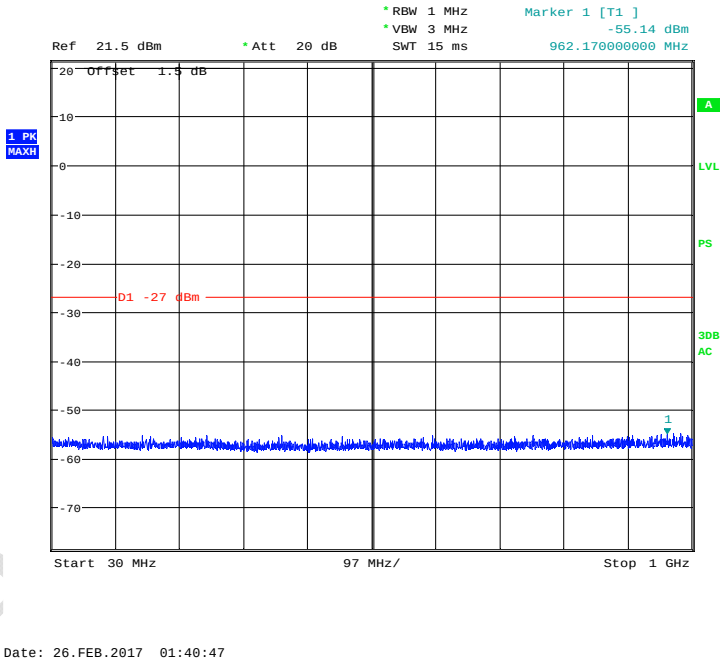

Fig. 401 Transmitter Spurious Emission Conducted 802.11n 40MHz CH38 30 MHz ~ 1 GHz

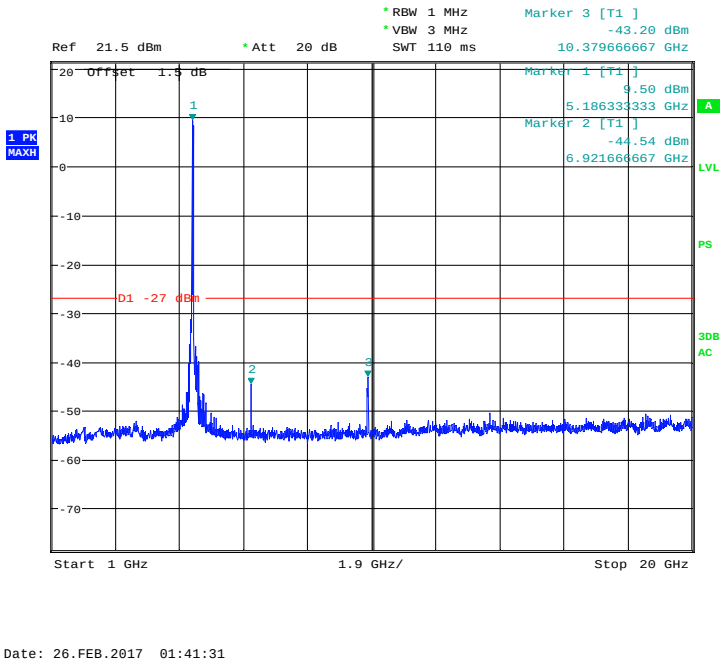

Fig. 402 Transmitter Spurious Emission Conducted 802.11n 40MHz CH38 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

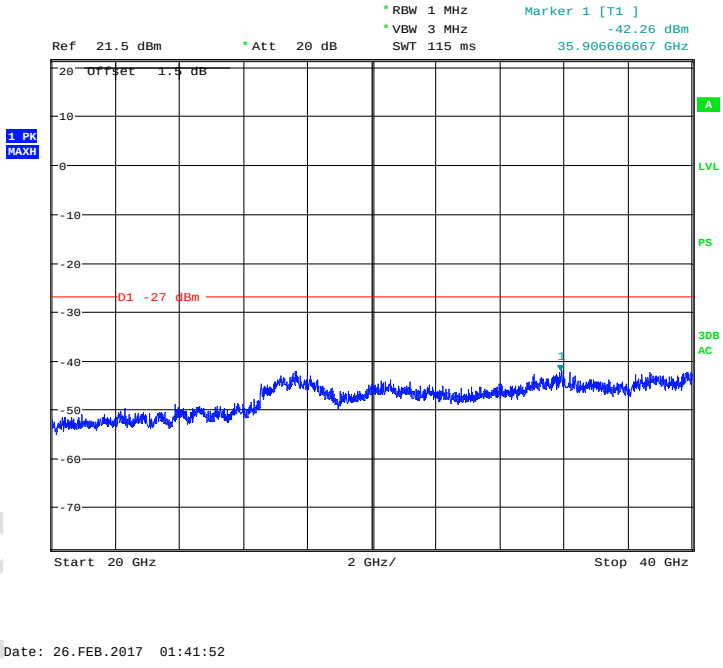

Fig. 403 Transmitter Spurious Emission Conducted 802.11n 40MHz CH38 20 GHz ~ 40 GHz

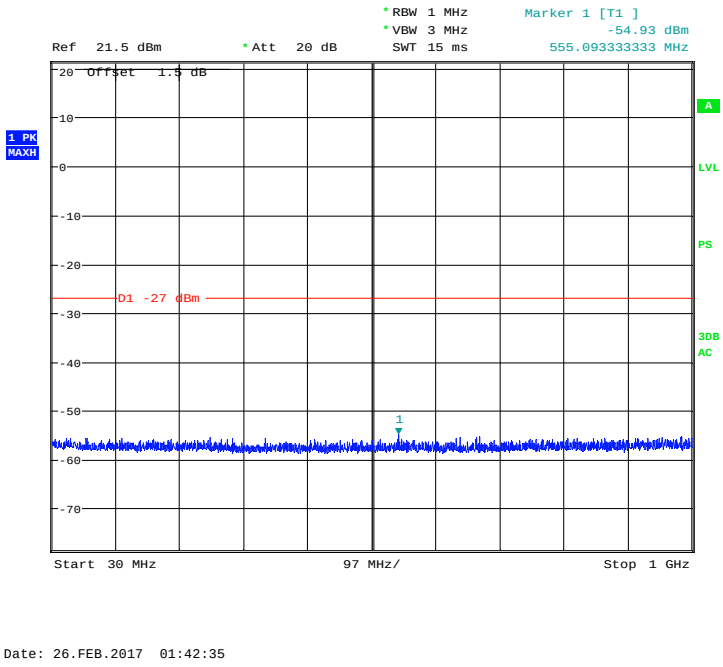

Fig. 404 Transmitter Spurious Emission Conducted 802.11n 40MHz CH46 30 MHz ~ 1 GHz

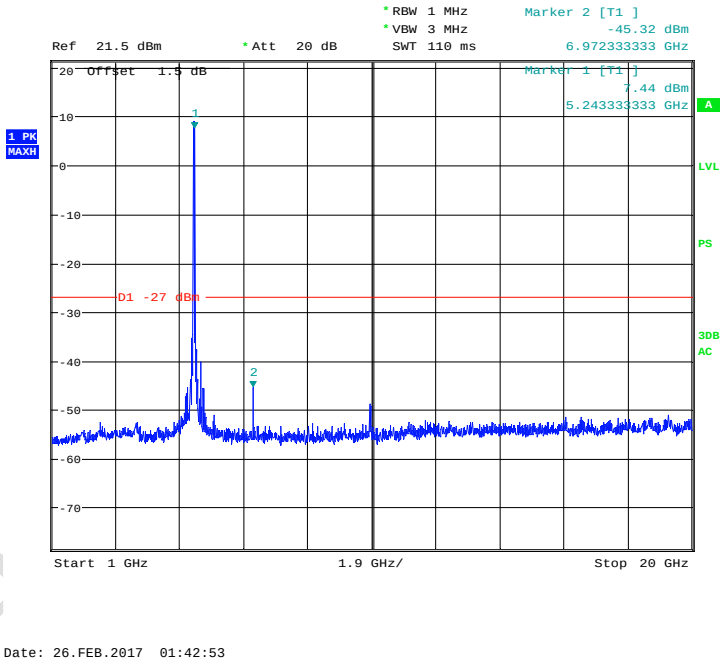

Fig. 405 Transmitter Spurious Emission Conducted 802.11n 40MHz CH46 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

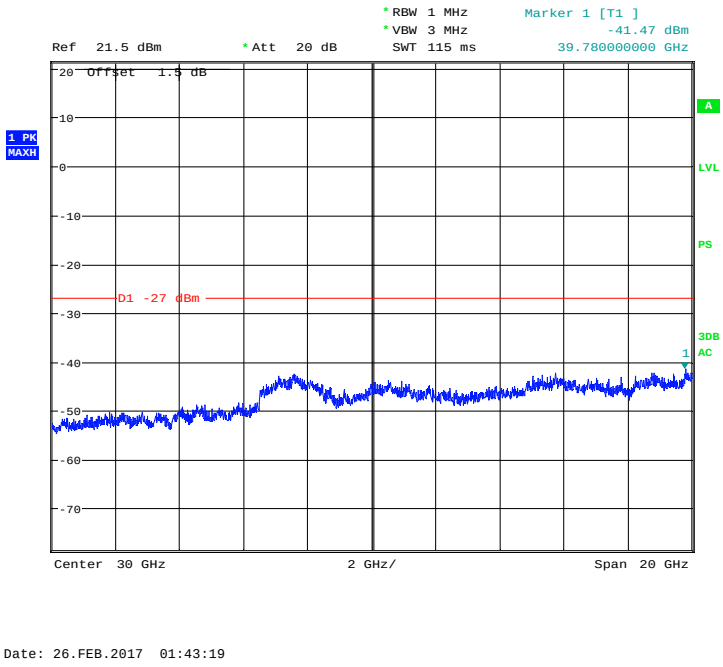

Fig. 406 Transmitter Spurious Emission Conducted 802.11n 40MHz CH46 20 GHz ~ 40 GHz

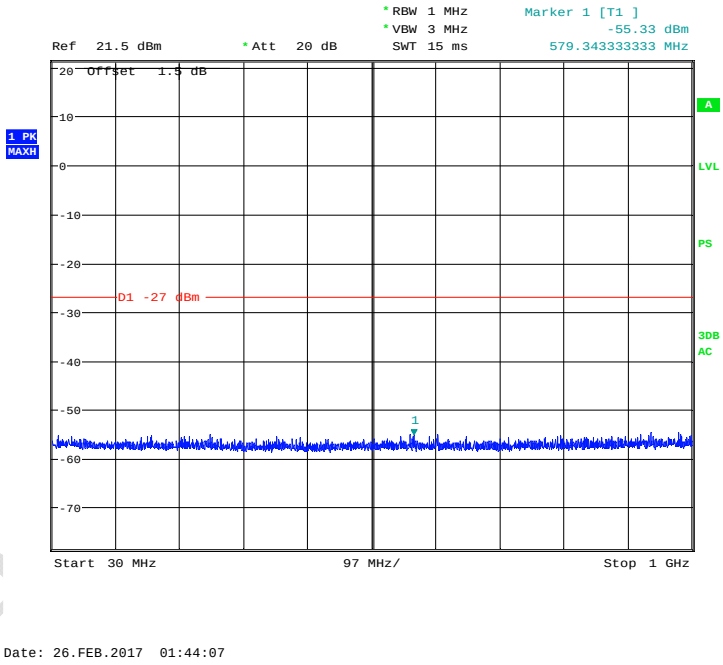

Fig. 407 Transmitter Spurious Emission Conducted 802.11n 40MHz CH54 30 MHz ~ 1 GHz

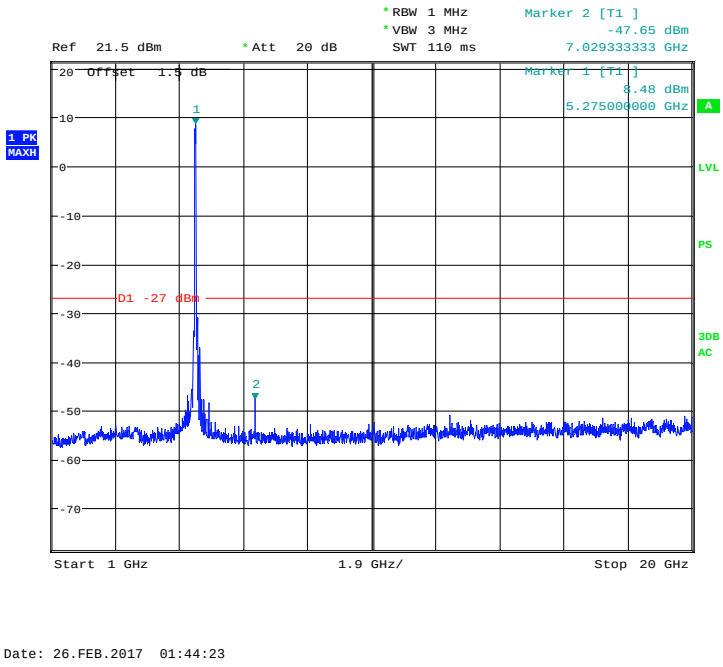

Fig. 408 Transmitter Spurious Emission Conducted 802.11n 40MHz CH54 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

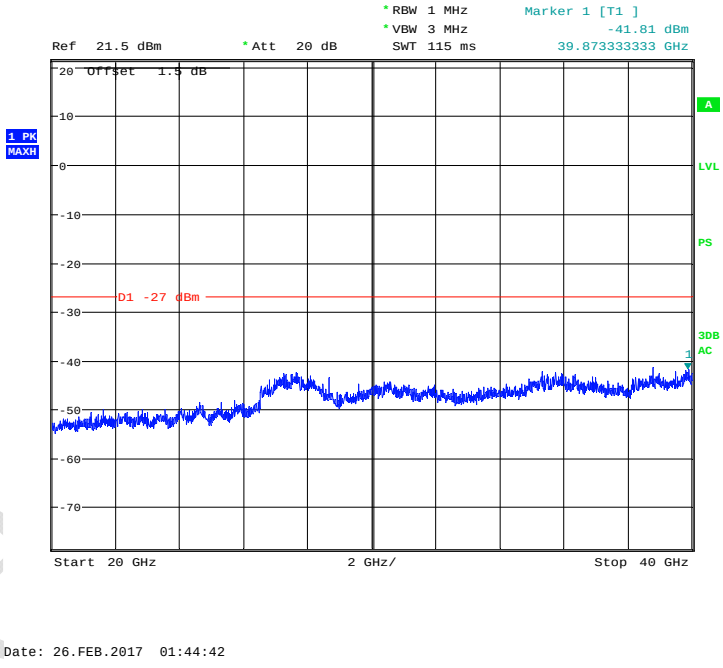

Fig. 409 Transmitter Spurious Emission Conducted 802.11n 40MHz CH54 20 GHz ~ 40 GHz

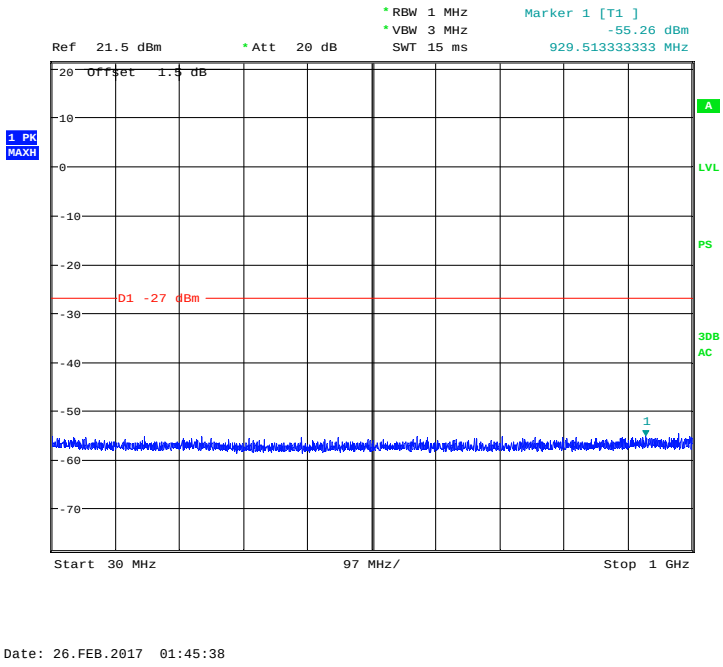

Fig. 410 Transmitter Spurious Emission Conducted 802.11n 40MHz CH62 30 MHz ~ 1 GHz

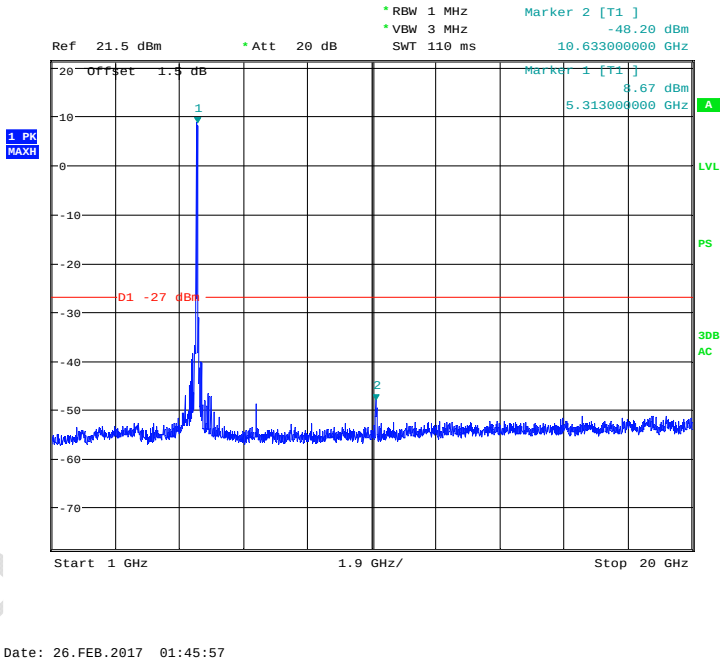

Fig. 411 Transmitter Spurious Emission Conducted 802.11n 40MHz CH62 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

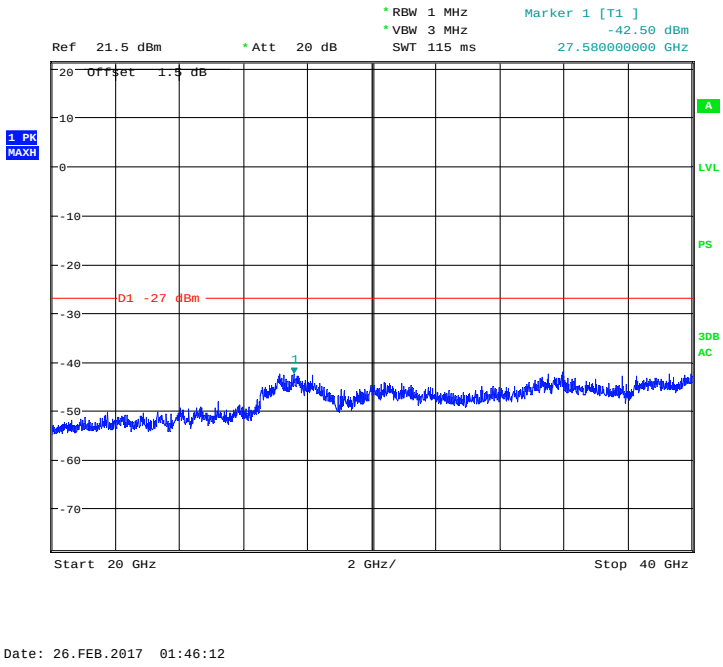

Fig. 412 Transmitter Spurious Emission Conducted 802.11n 40MHz CH62 20 GHz ~ 40 GHz

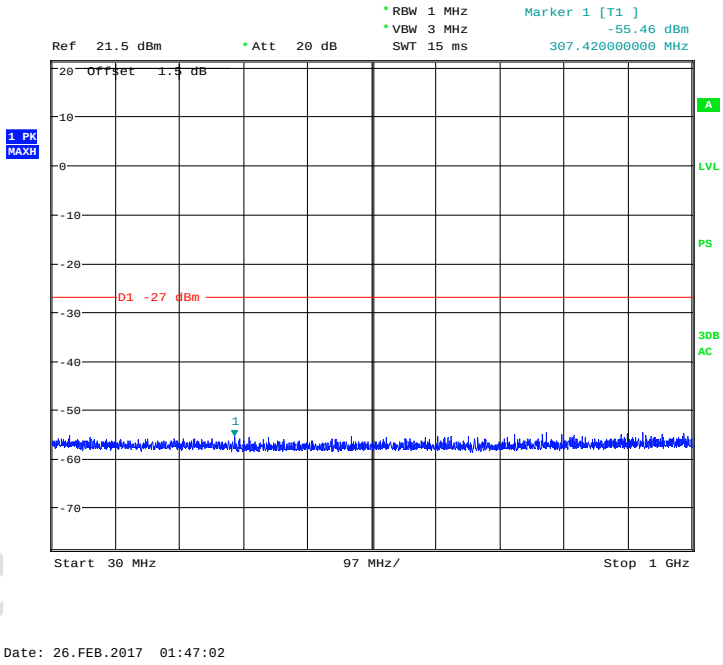

Fig. 413 Transmitter Spurious Emission Conducted 802.11n 40MHz CH102 30 MHz ~ 1 GHz

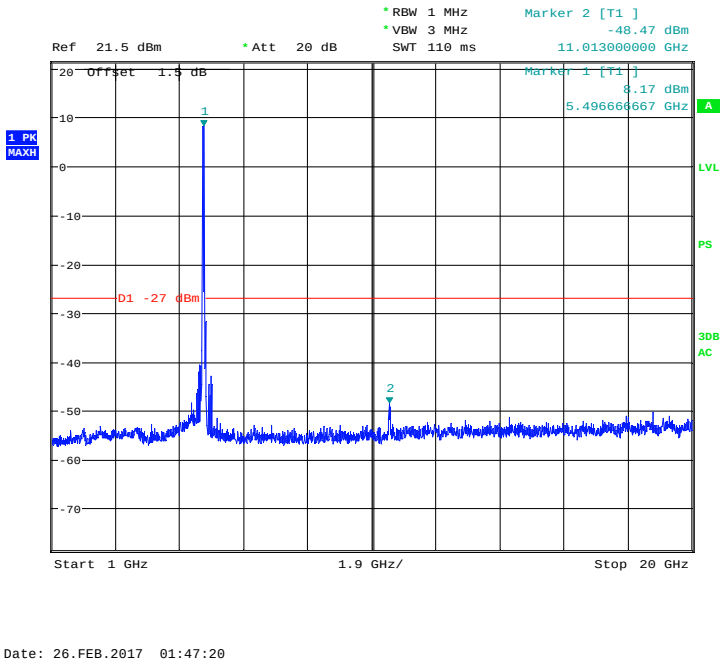

Fig. 414 Transmitter Spurious Emission Conducted 802.11n 40MHz CH102 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

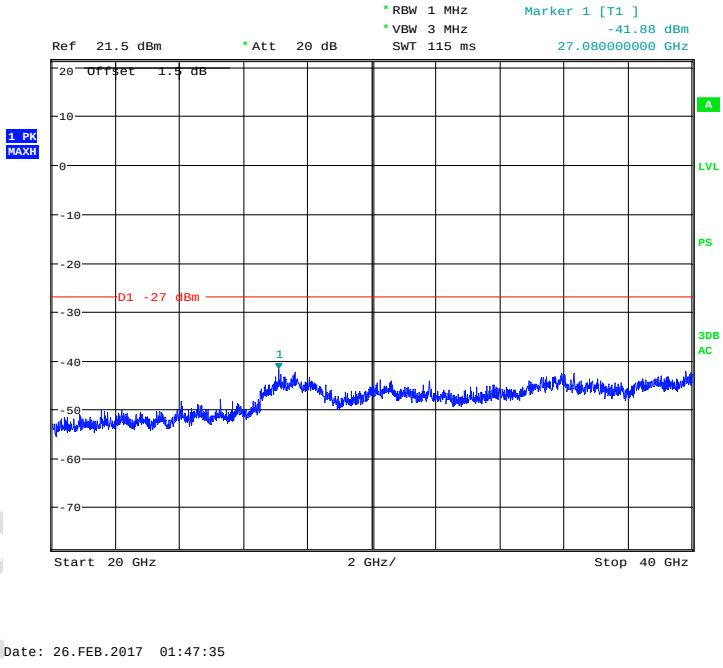

Fig. 415 Transmitter Spurious Emission Conducted 802.11n 40MHz CH102 20 GHz ~ 40 GHz

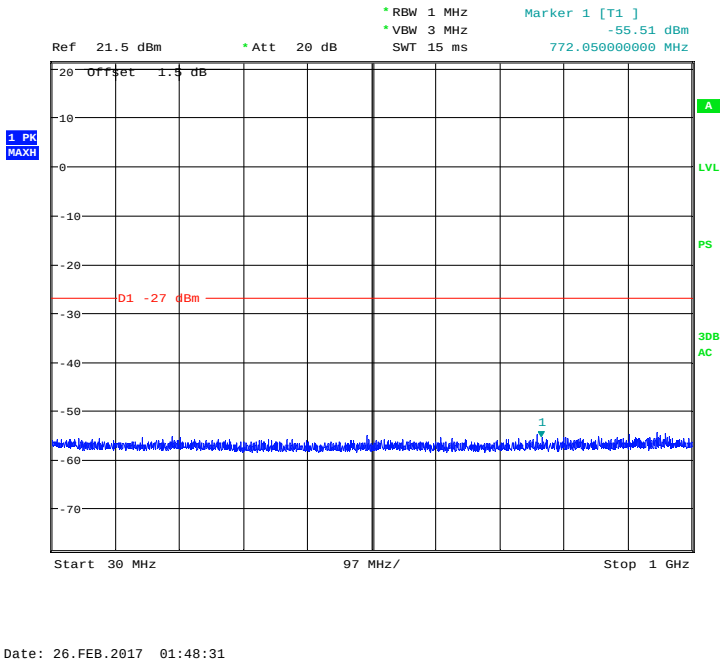

Fig. 416 Transmitter Spurious Emission Conducted 802.11n 40MHz CH118 30 MHz ~ 1 GHz

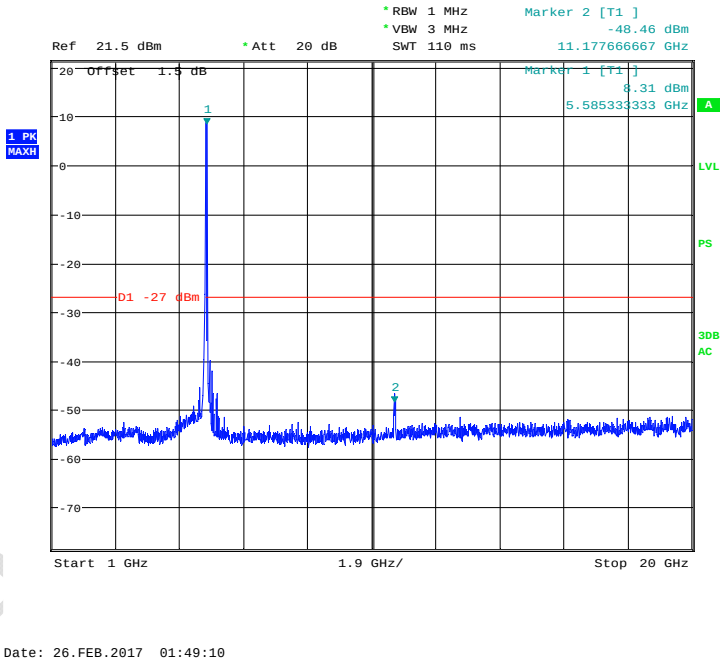

Fig. 417 Transmitter Spurious Emission Conducted 802.11n 40MHz CH118 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

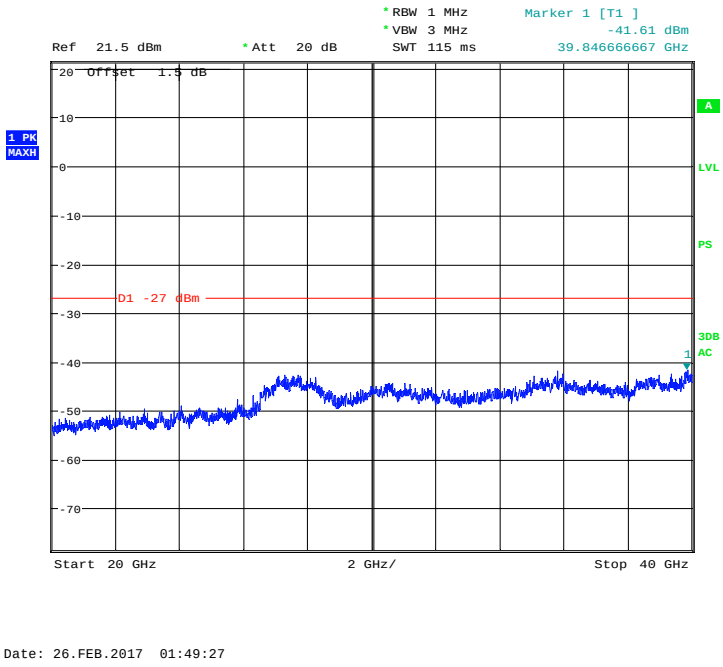

Fig. 418 Transmitter Spurious Emission Conducted 802.11n 40MHz CH118 20 GHz ~ 40 GHz

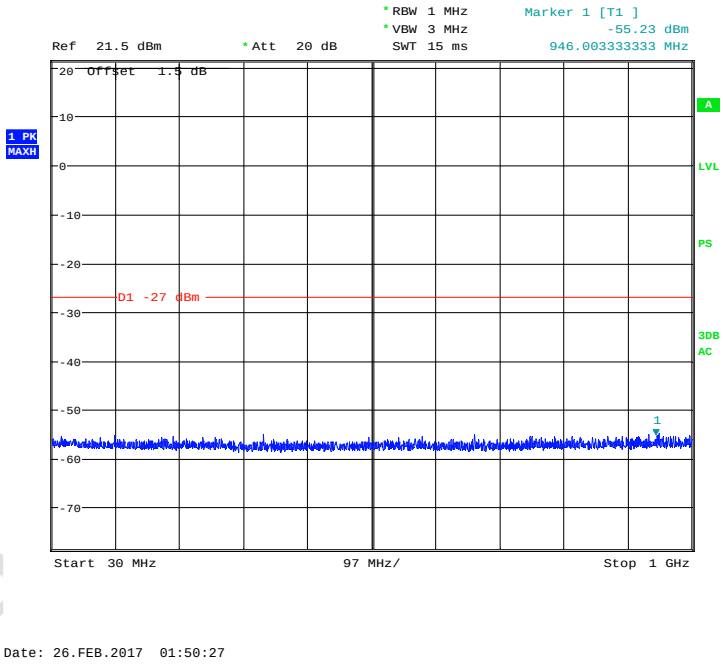

Fig. 419 Transmitter Spurious Emission Conducted 802.11n 40MHz CH134 30 MHz ~ 1 GHz

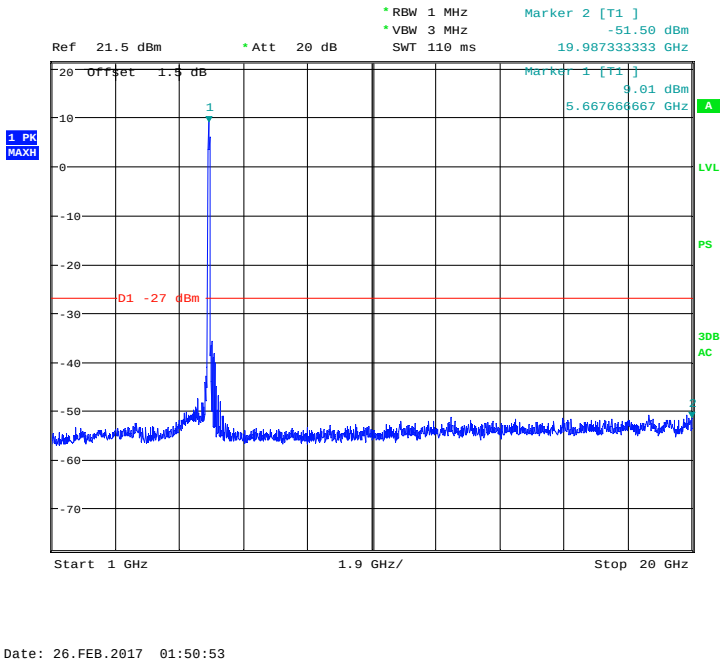

Fig. 420 Transmitter Spurious Emission Conducted 802.11n 40MHz CH134 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

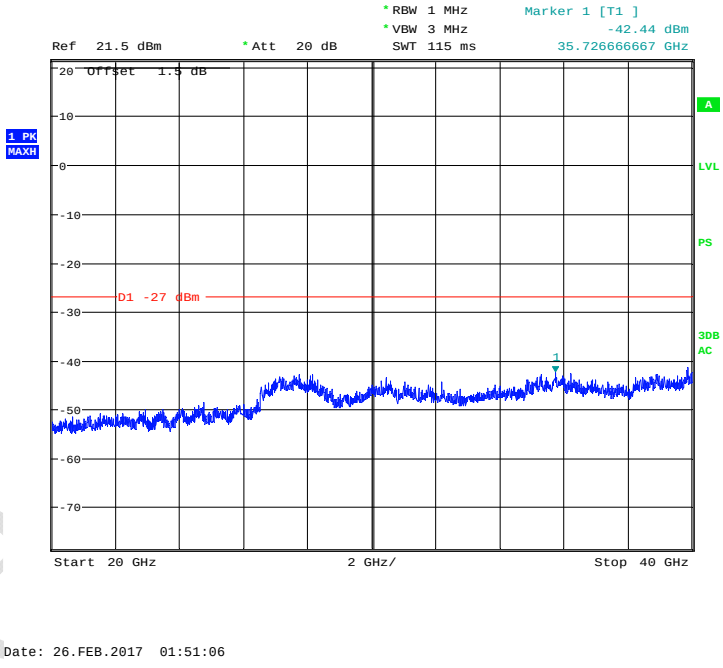

Fig. 421 Transmitter Spurious Emission Conducted 802.11n 40MHz CH134 20 GHz ~ 40 GHz

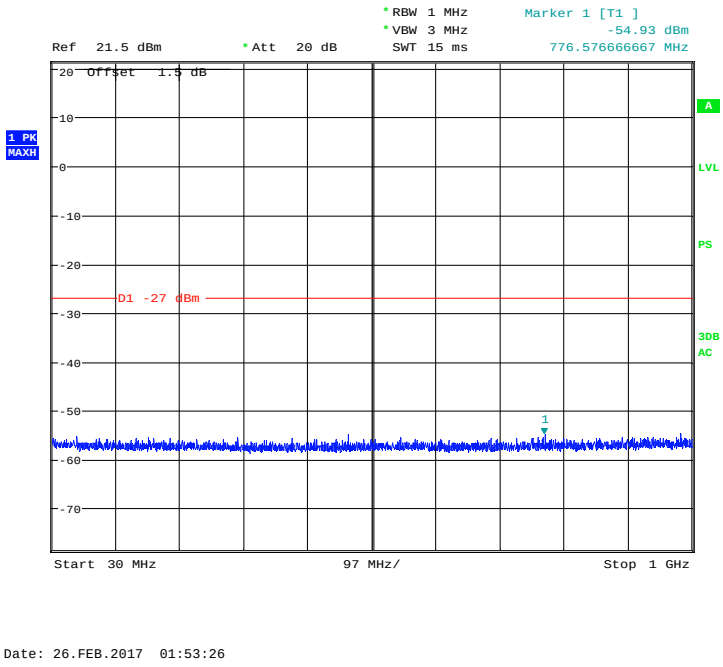

Fig. 422 Transmitter Spurious Emission Conducted 802.11n 40MHz CH151 30 MHz ~ 1 GHz

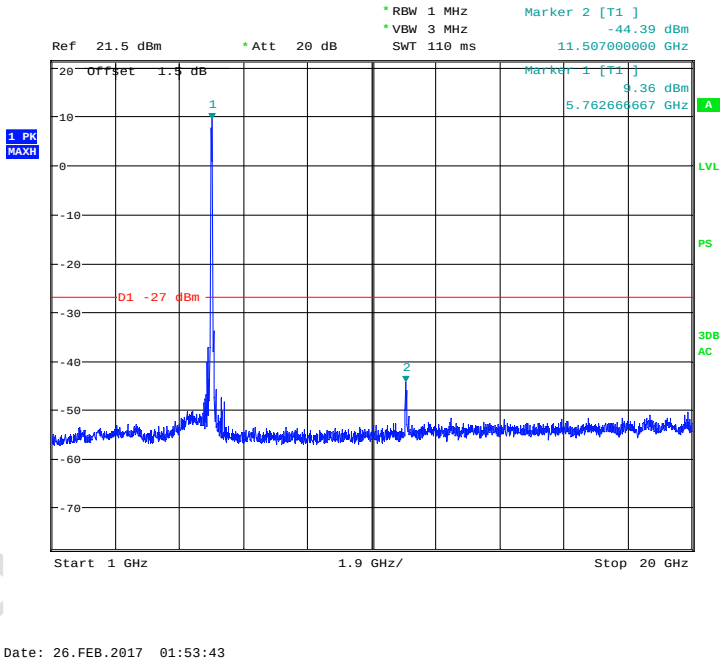

Fig. 423 Transmitter Spurious Emission Conducted 802.11n 40MHz CH151 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

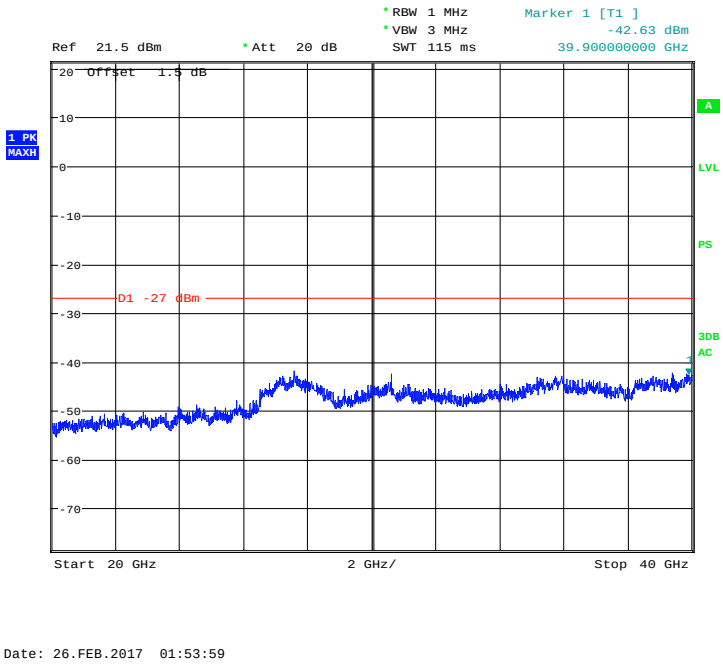

Fig. 424 Transmitter Spurious Emission Conducted 802.11n 40MHz CH151 20 GHz ~ 40 GHz

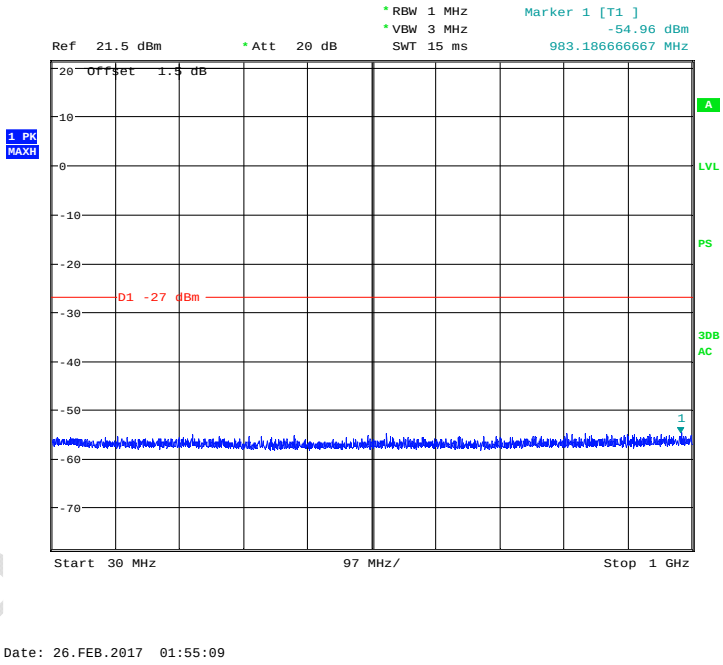

Fig. 425 Transmitter Spurious Emission Conducted 802.11n 40MHz CH159 30 MHz ~ 1 GHz

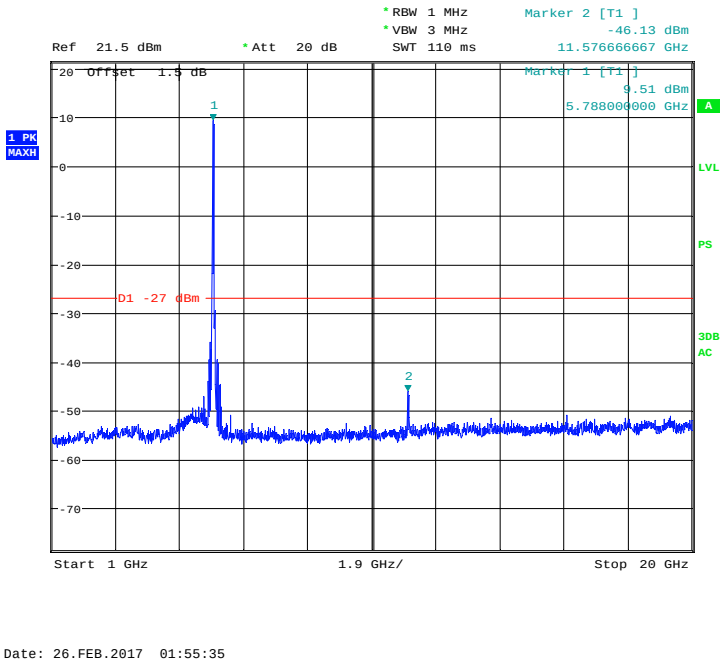

Fig. 426 Transmitter Spurious Emission Conducted 802.11n 40MHz CH159 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

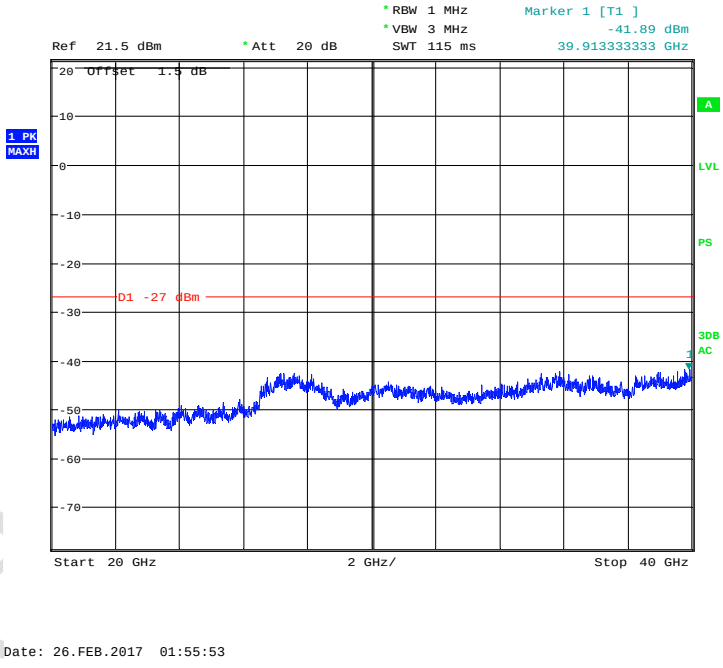

Fig. 427 Transmitter Spurious Emission Conducted 802.11n 40MHz CH159 20 GHz ~ 40 GHz

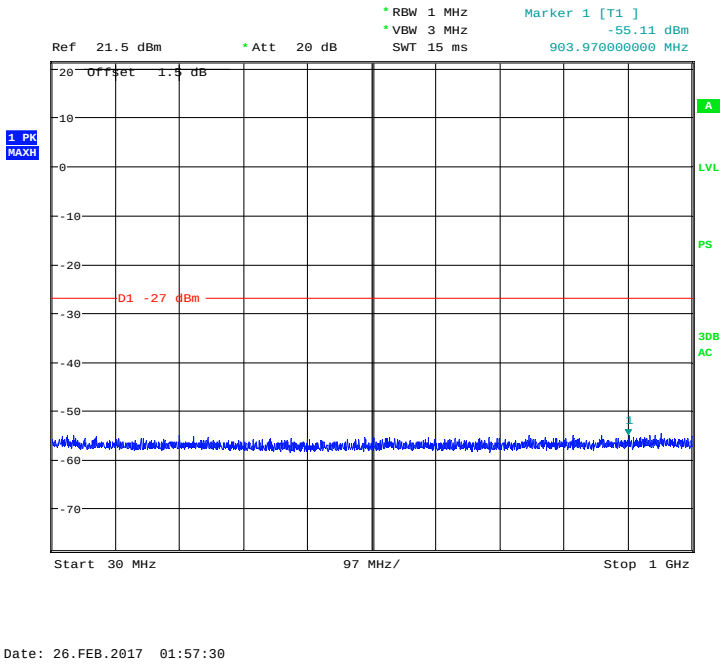

Fig. 428 Transmitter Spurious Emission Conducted 802.11ac 80MHz CH42 30 MHz ~ 1 GHz

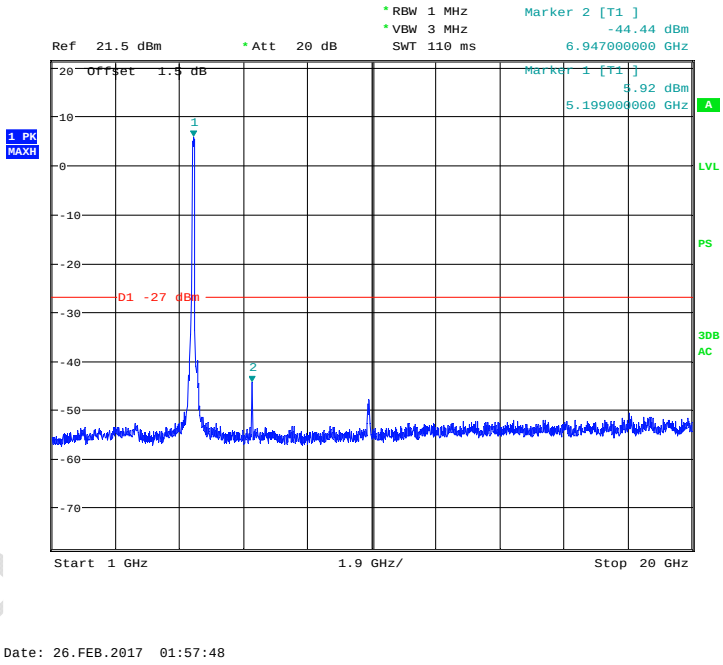

Fig. 429 Transmitter Spurious Emission Conducted 802.11ac 80MHz CH42 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

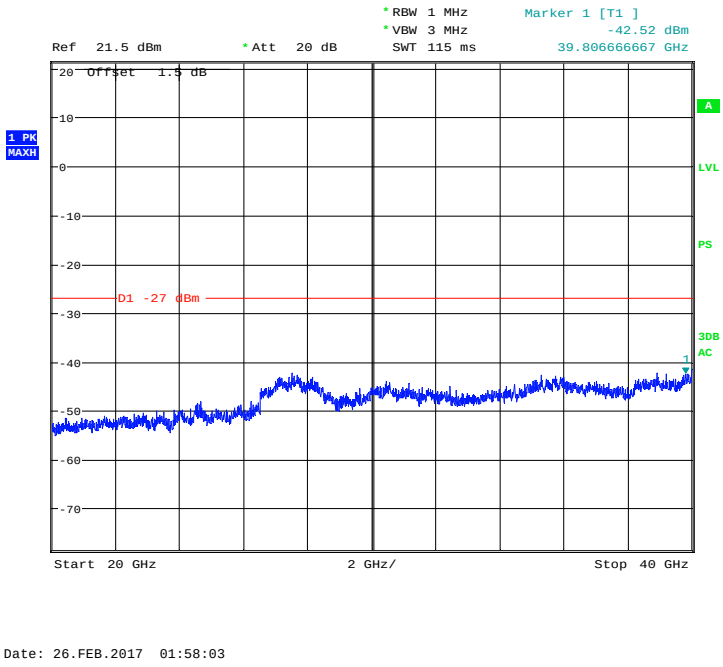

Fig. 430 Transmitter Spurious Emission Conducted 802.11ac 80MHz CH42 20 GHz ~ 40 GHz

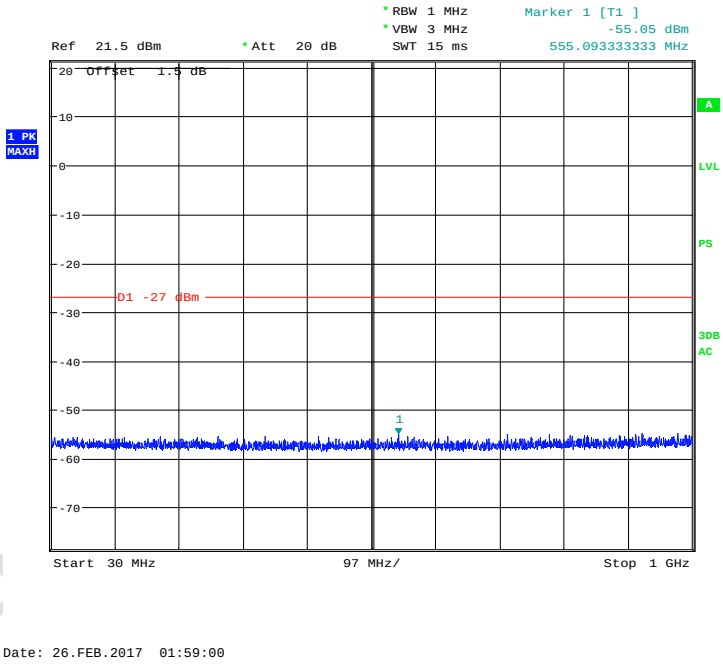

Fig. 431 Transmitter Spurious Emission Conducted 802.11ac 80MHz CH58 30 MHz ~ 1 GHz

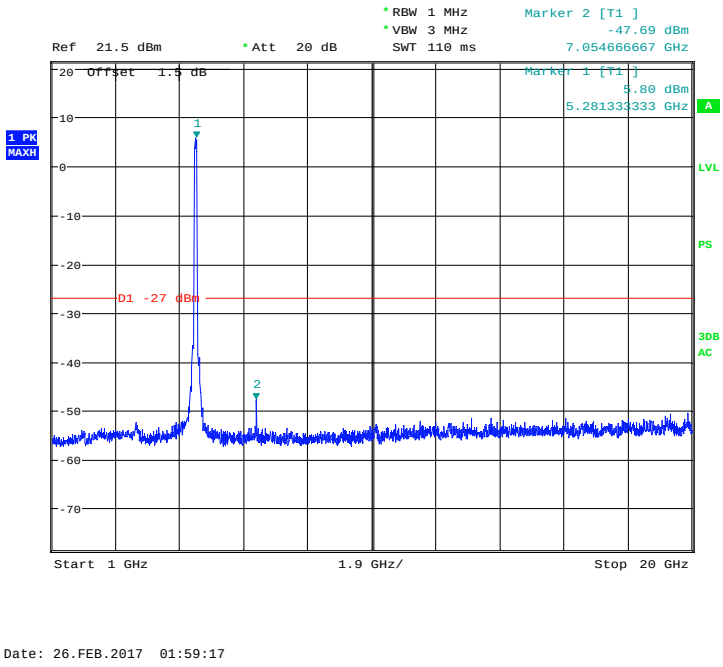

Fig. 432 Transmitter Spurious Emission Conducted 802.11ac 80MHz CH58 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

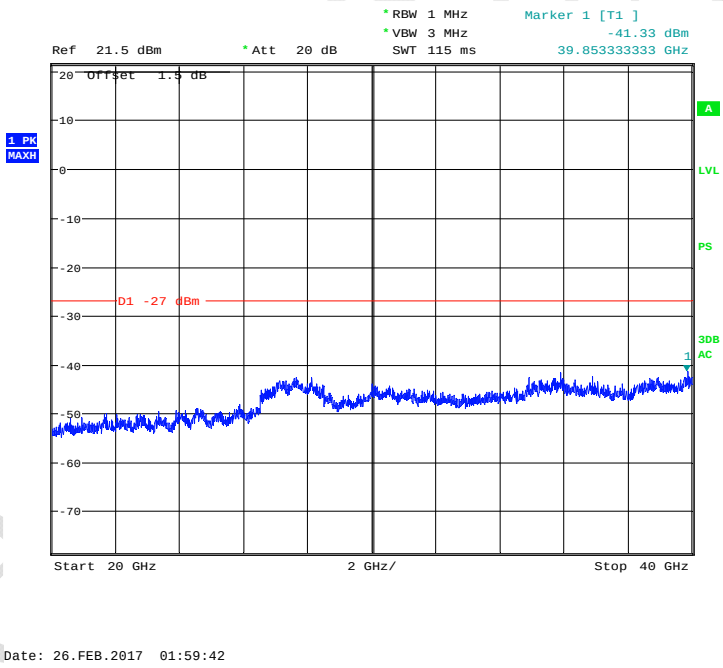

Fig. 433 Transmitter Spurious Emission Conducted 802.11ac 80MHz CH58 20 GHz ~ 40 GHz

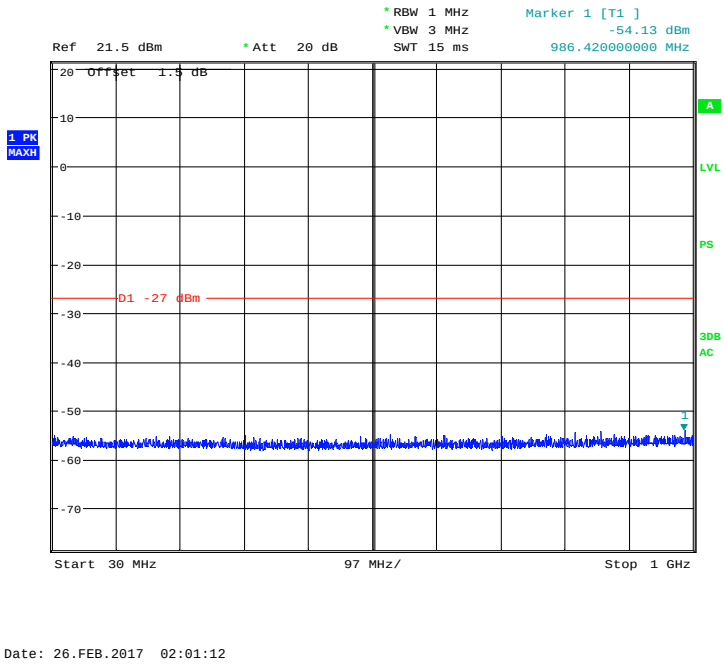

Fig. 434 Transmitter Spurious Emission Conducted 802.11ac 80MHz CH106 30 MHz ~ 1 GHz

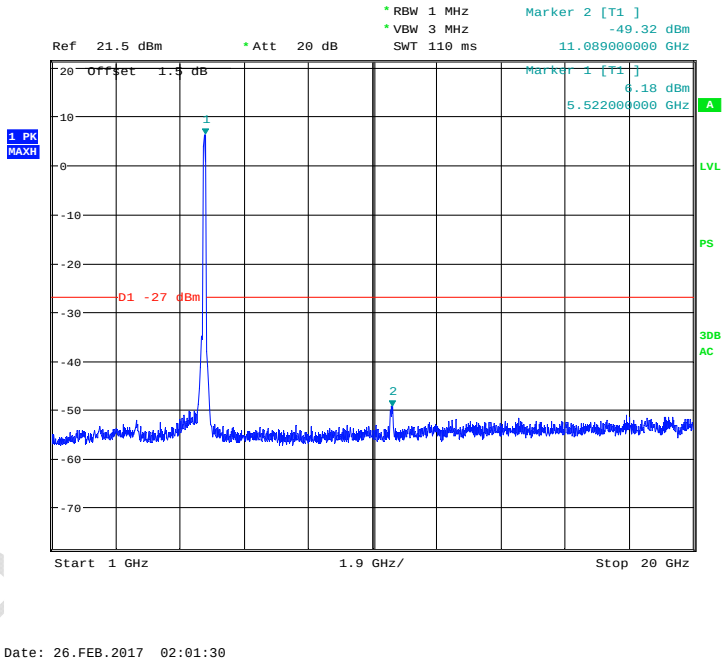

Fig. 435 Transmitter Spurious Emission Conducted 802.11ac 80MHz CH106 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

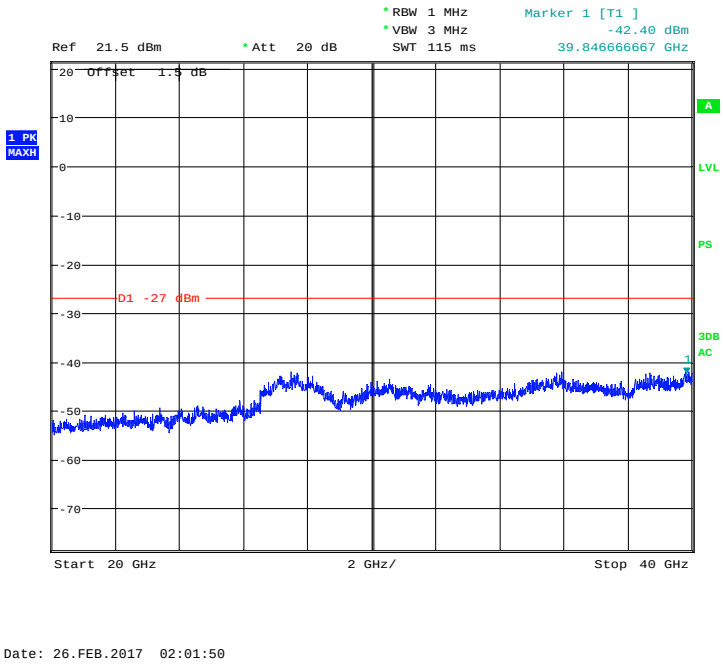

Fig. 436 Transmitter Spurious Emission Conducted 802.11ac 80MHz CH106 20 GHz ~ 40 GHz

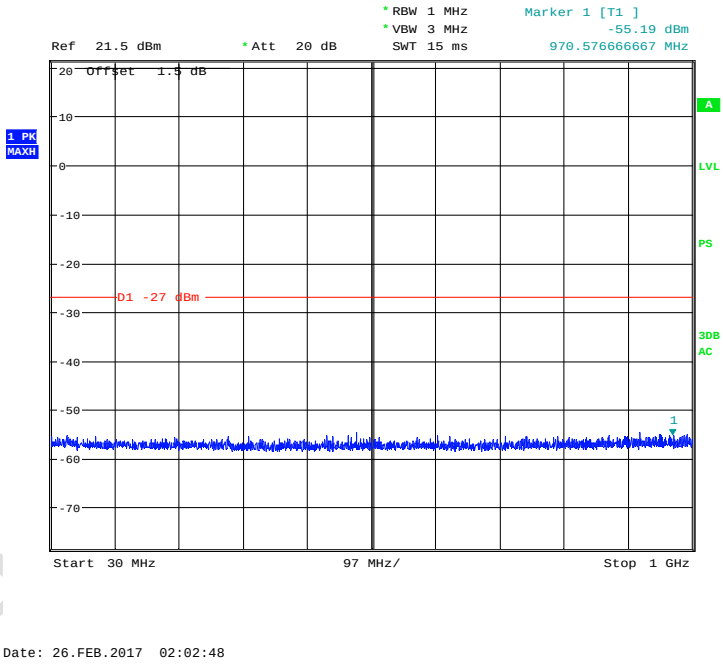

Fig. 437 Transmitter Spurious Emission Conducted 802.11ac 80MHz CH122 30 MHz ~ 1 GHz

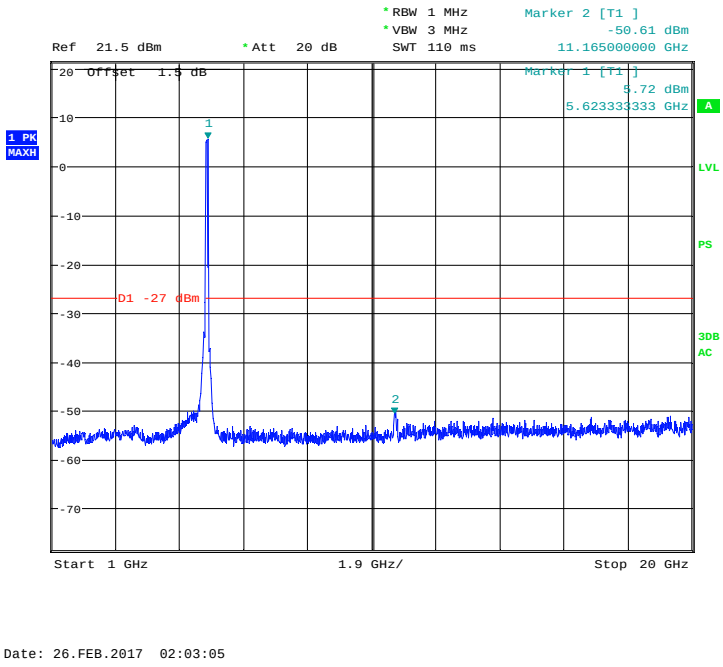

Fig. 438 Transmitter Spurious Emission Conducted 802.11ac 80MHz CH122 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

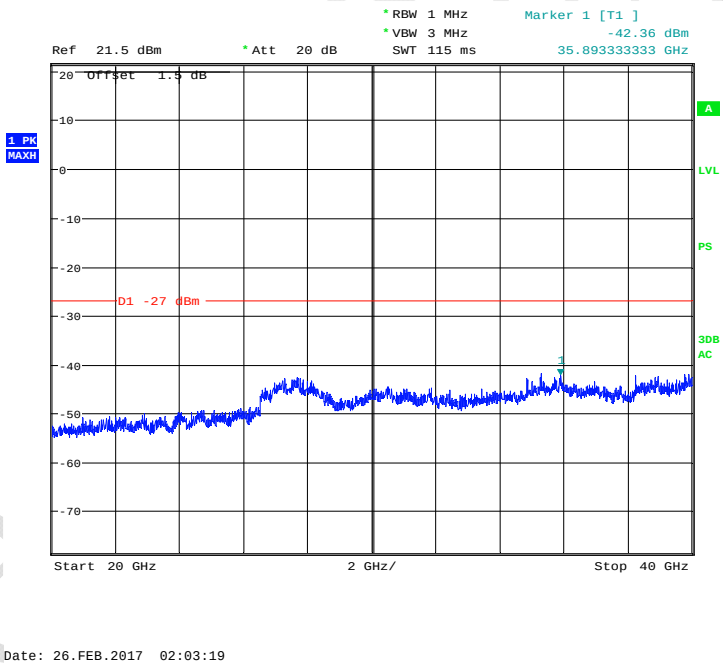

Fig. 439 Transmitter Spurious Emission Conducted 802.11ac 80MHz CH122 20 GHz ~ 40 GHz

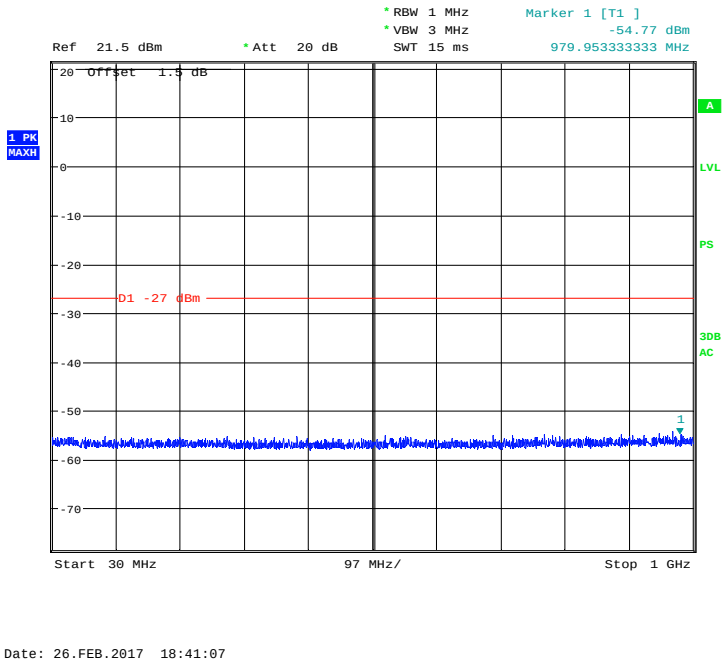

Fig. 440 Transmitter Spurious Emission Conducted 802.11ac 80MHz CH138 30 MHz ~ 1 GHz

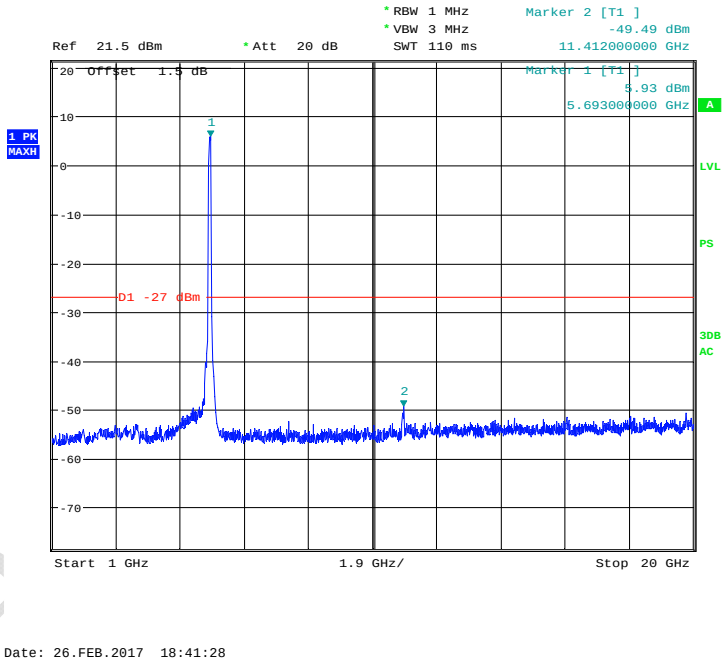

Fig. 441 Transmitter Spurious Emission Conducted 802.11ac 80MHz CH138 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

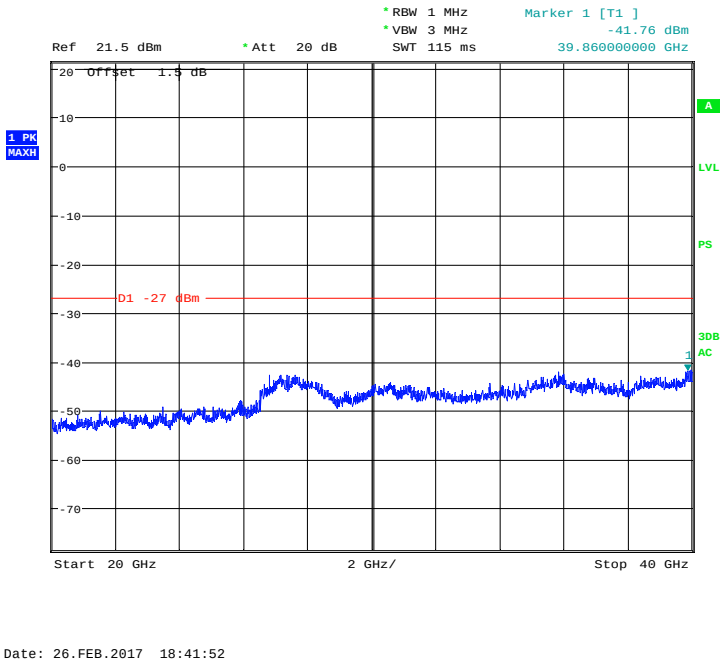

Fig. 442 Transmitter Spurious Emission Conducted 802.11ac 80MHz CH138 20 GHz ~ 40 GHz

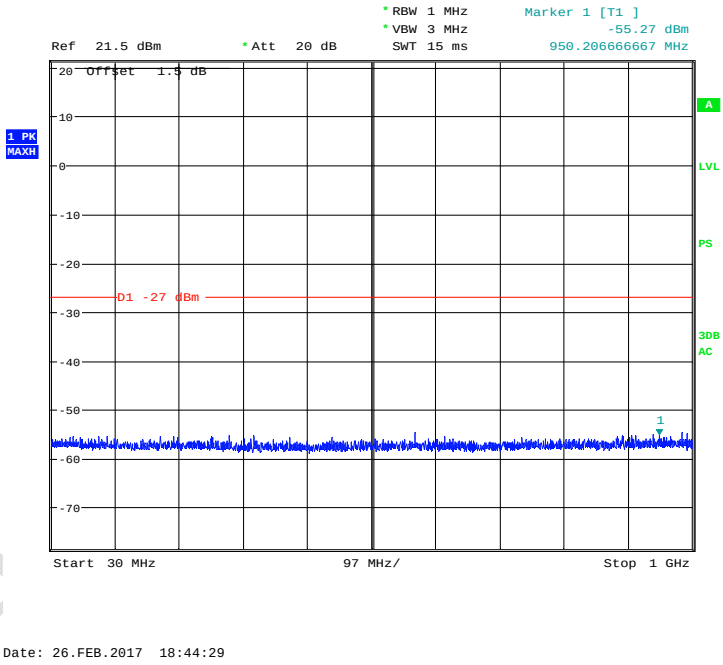

Fig. 443 Transmitter Spurious Emission Conducted 802.11ac 80MHz CH155 30 MHz ~ 1 GHz

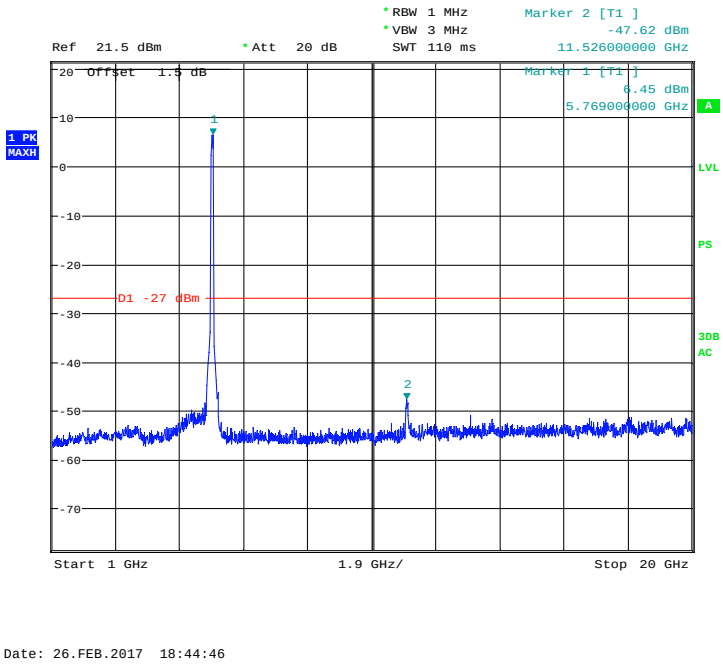

Fig. 444 Transmitter Spurious Emission Conducted 802.11ac 80MHz CH155 1 GHz ~ 20 GHz

Note: The strong emission shown in each case is the carrier signal.

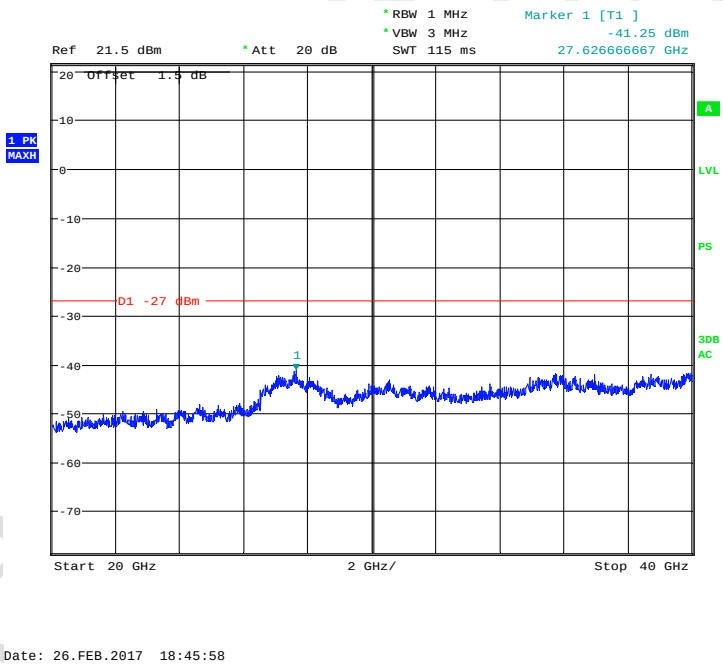

Fig. 445 Transmitter Spurious Emission Conducted 802.11ac 80MHz CH155 20 GHz ~ 40 GHz