Test Report No.50246761 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50246761 001AppendixD)

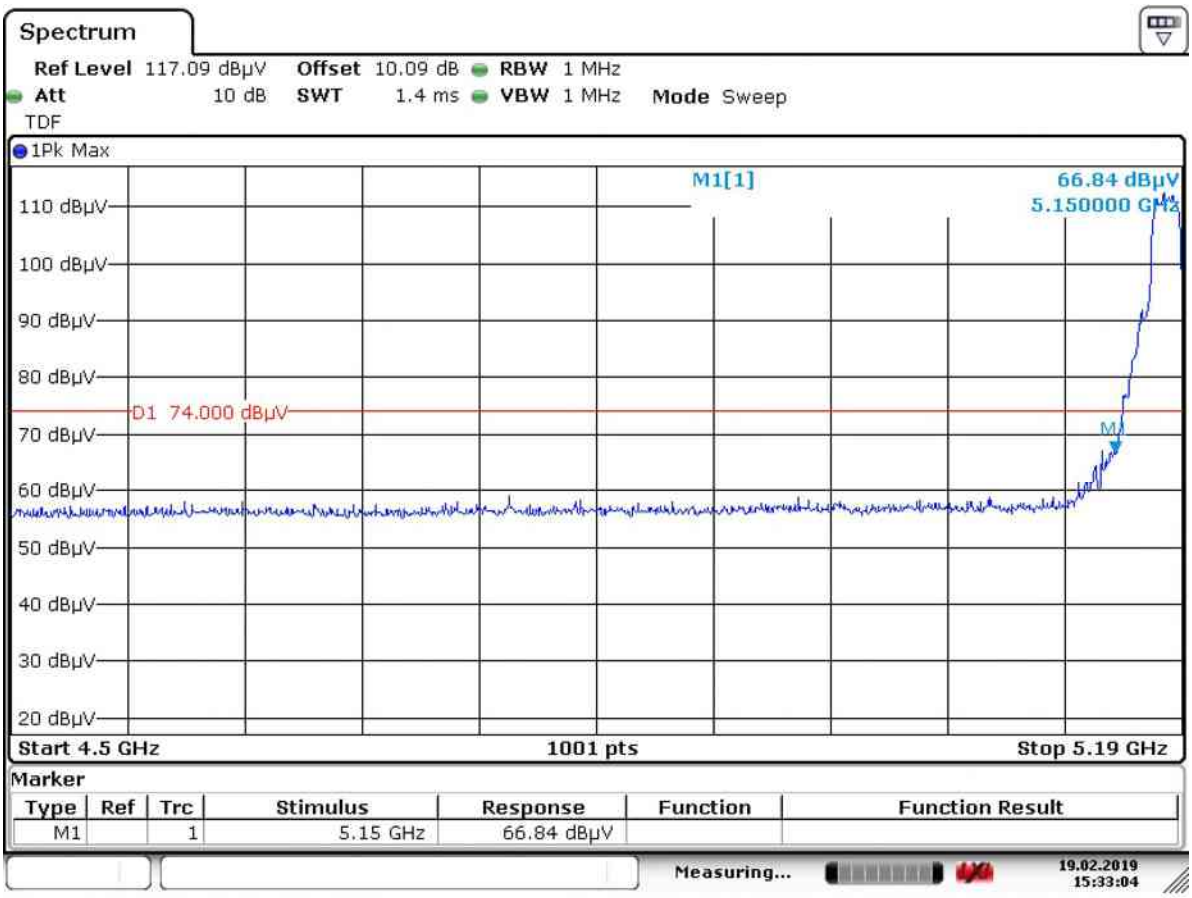
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Spurious Emissions, TX Mode, 18 GHz – 40 GHz 79
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Spurious Emissions, RX Mode, 18 GHz – 40 GHz 110
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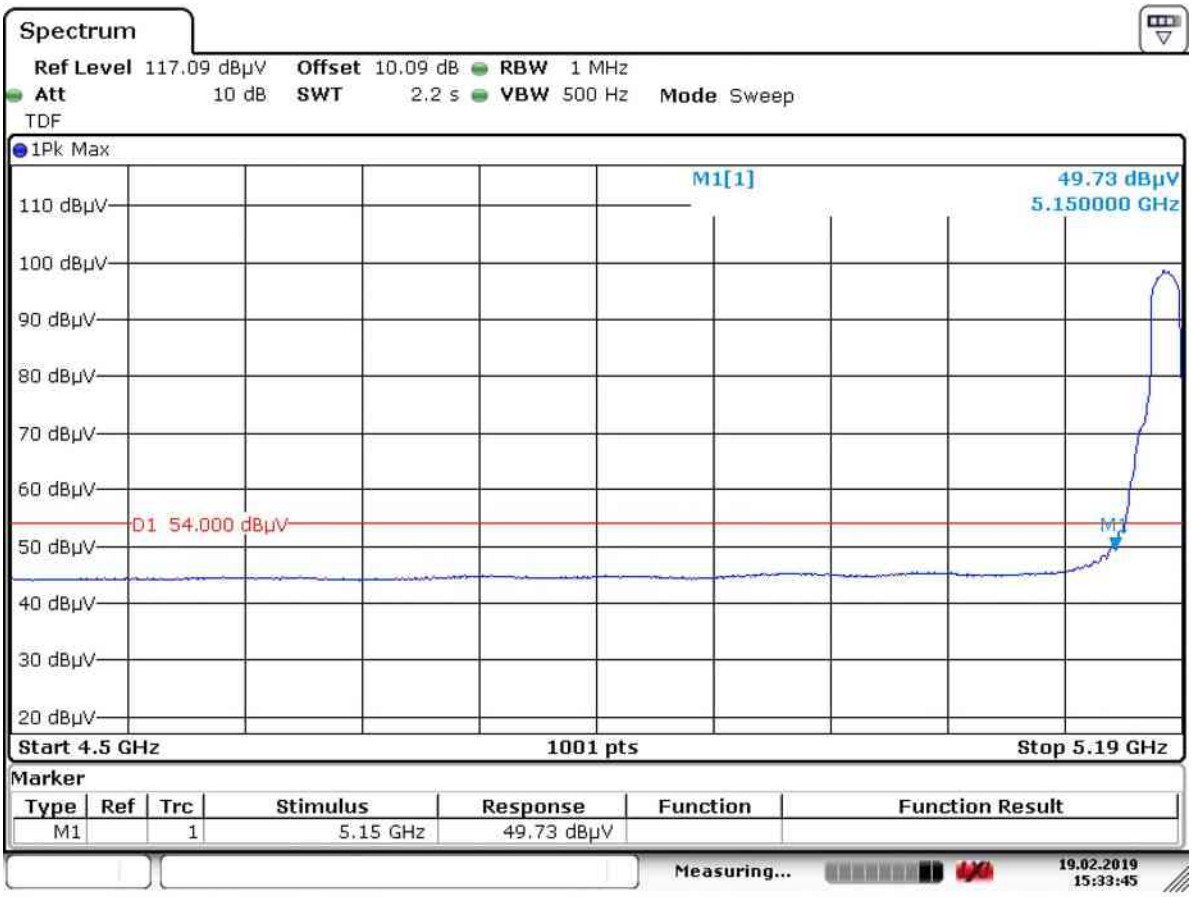
Spurious Emissions, Band Edges

802.11a

Channel 36(Horizontal)

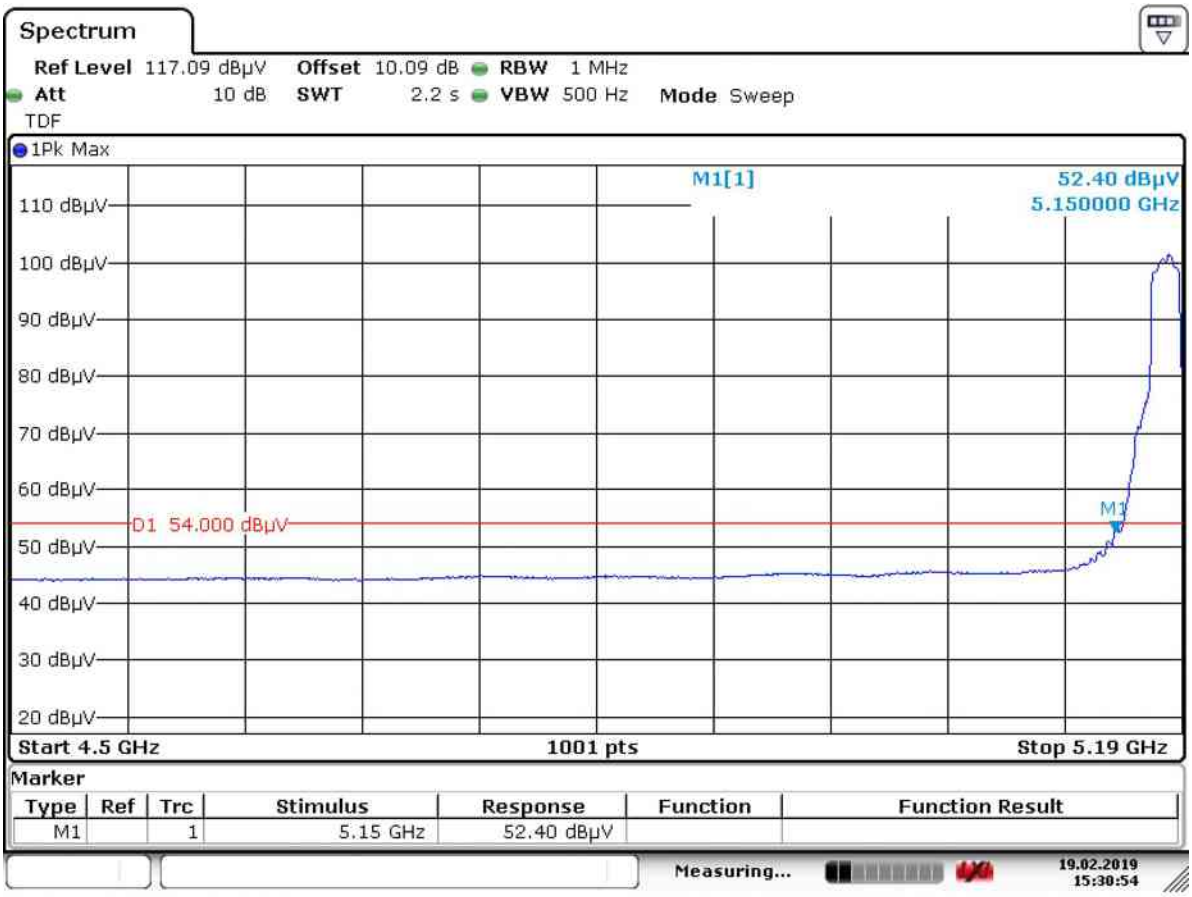


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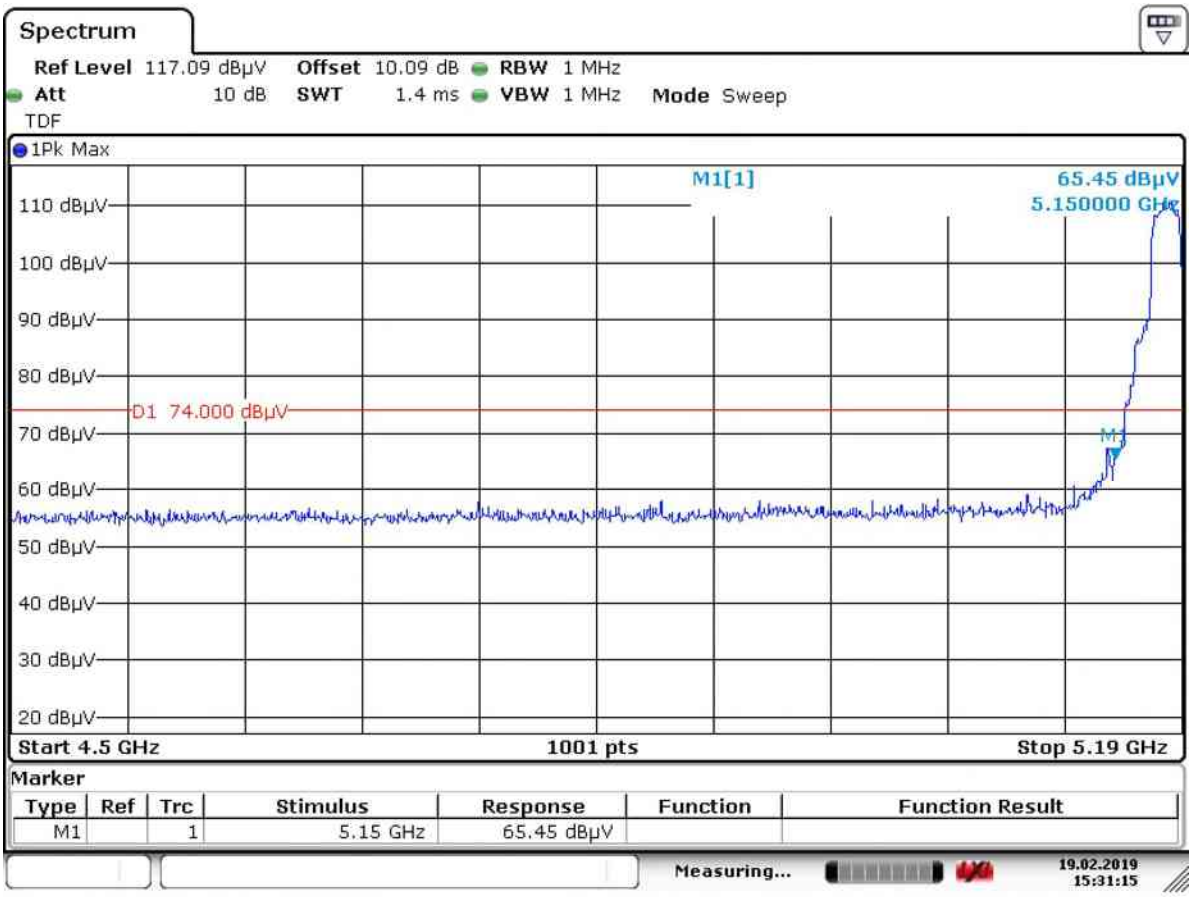


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Channel 36(Vertical)

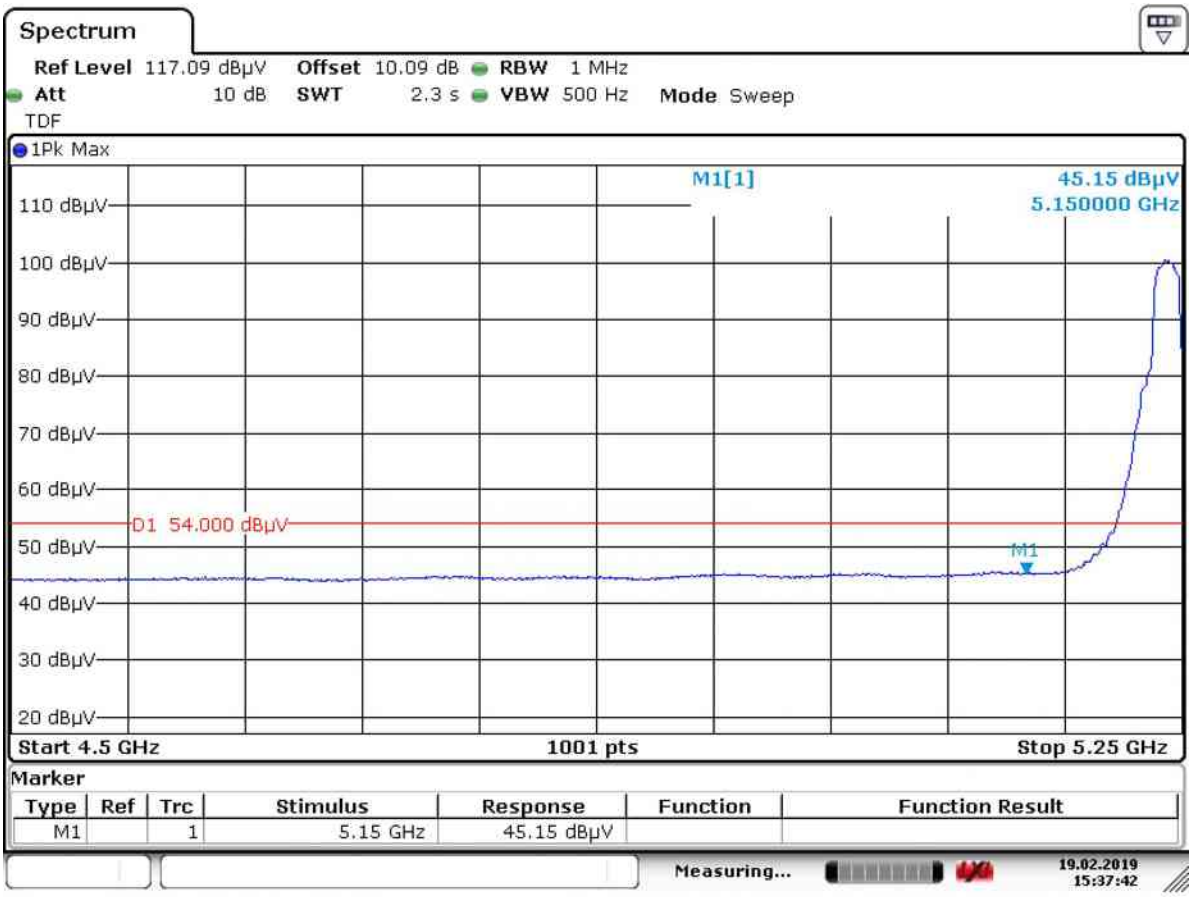


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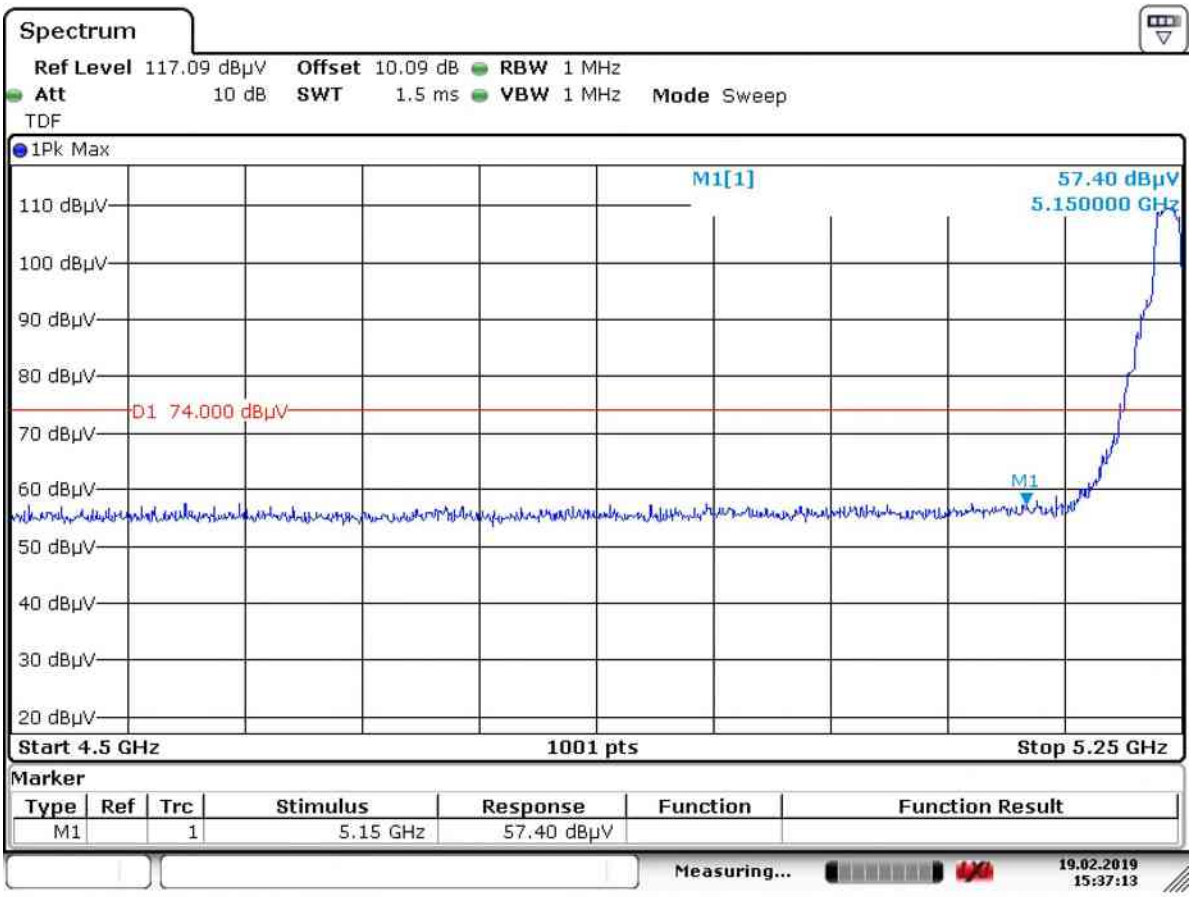


Date: 19.FEB.2019 15:31:16

Channel 48(Horizontal)

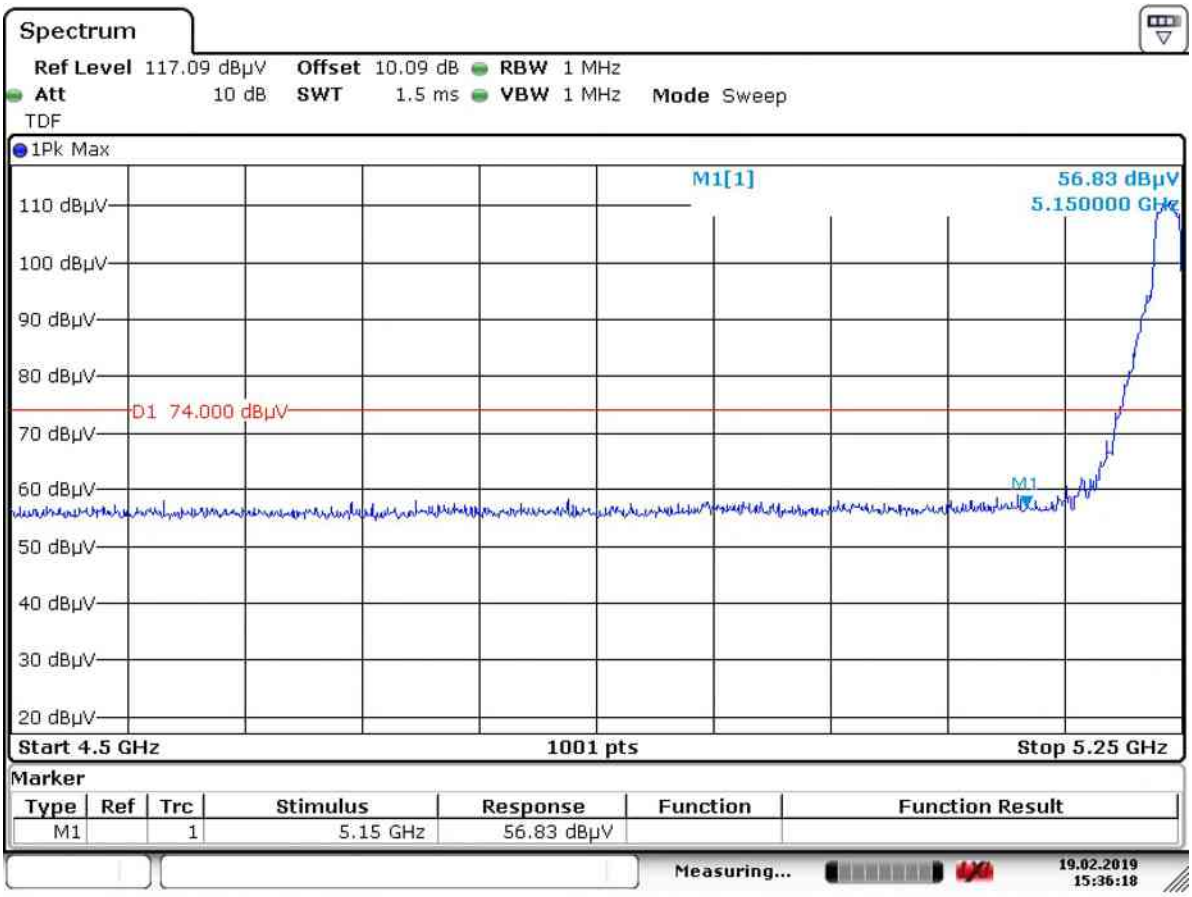


Date: 19.FEB.2019 15:37:42

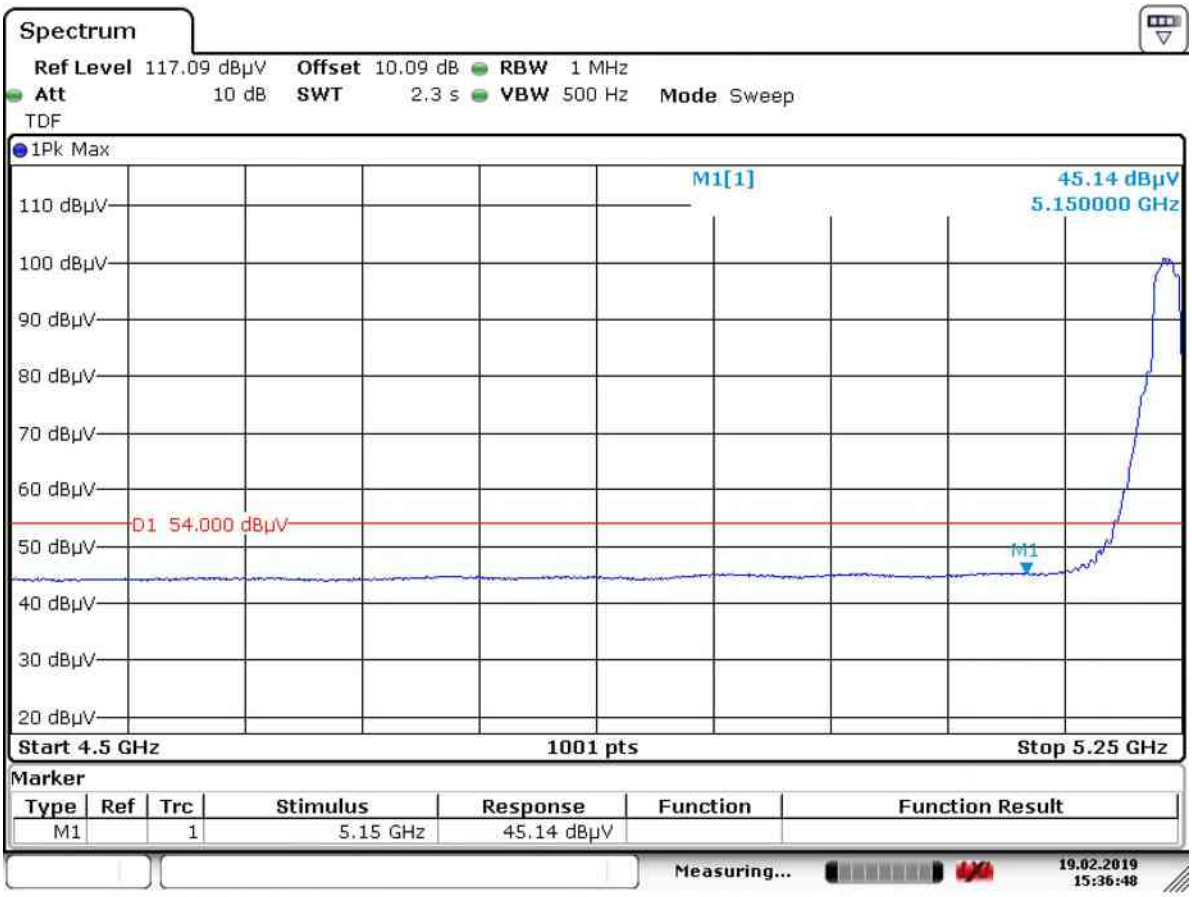


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Channel 48(Vertical)

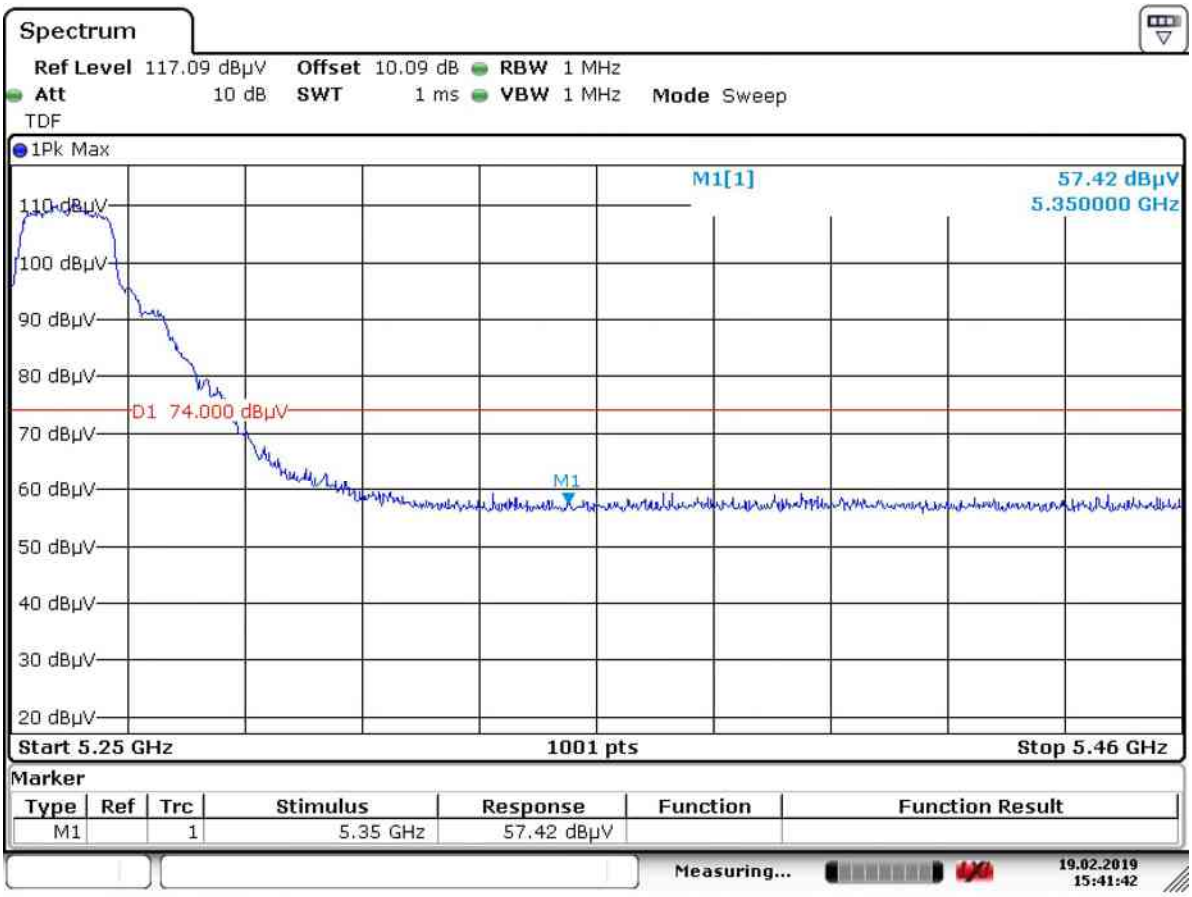


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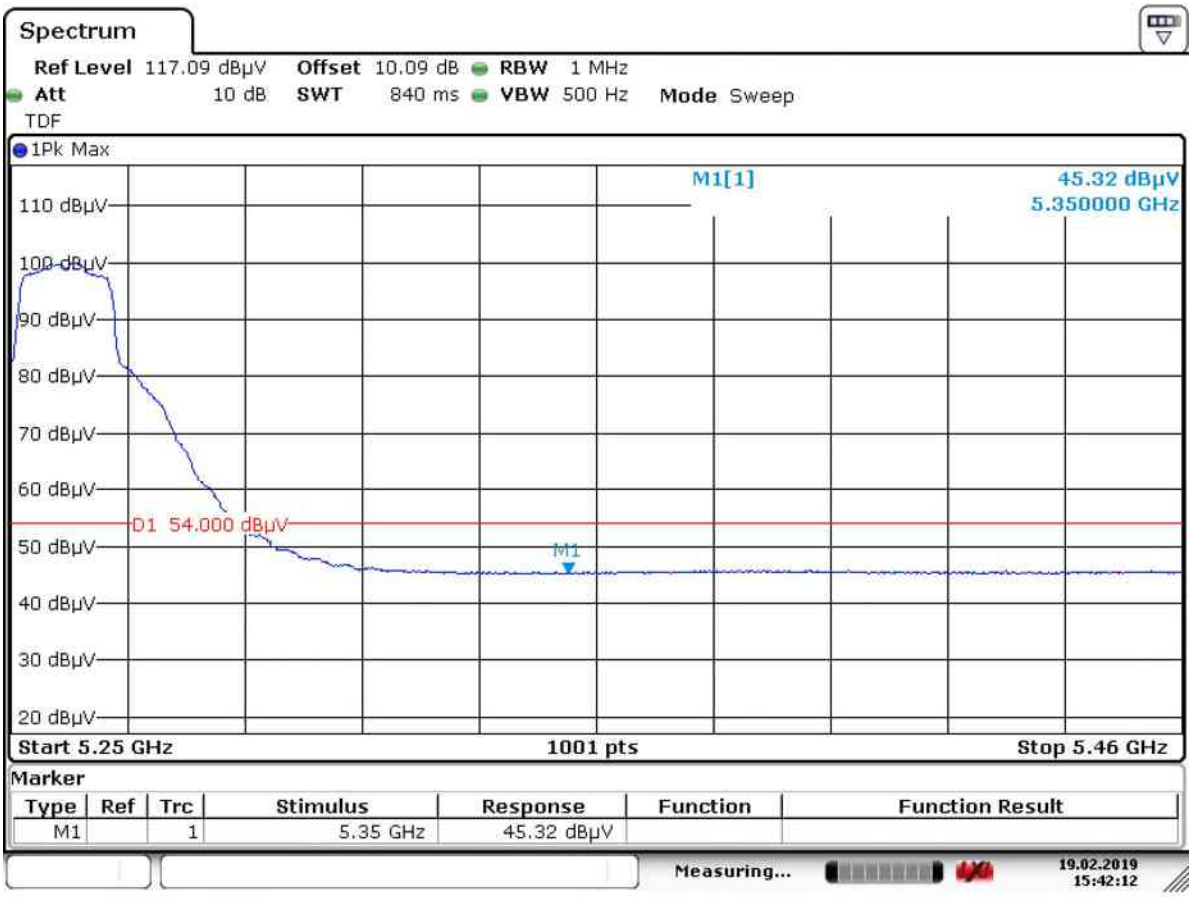


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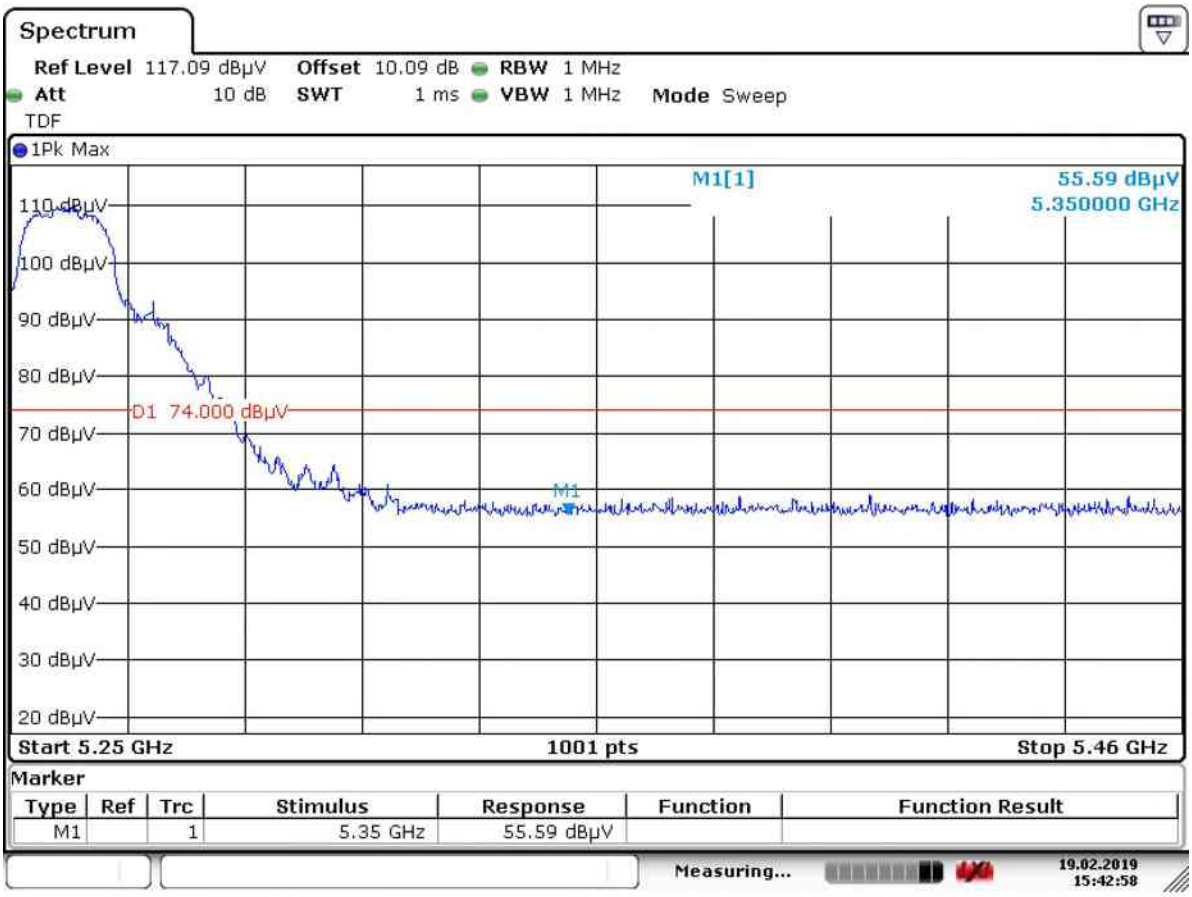


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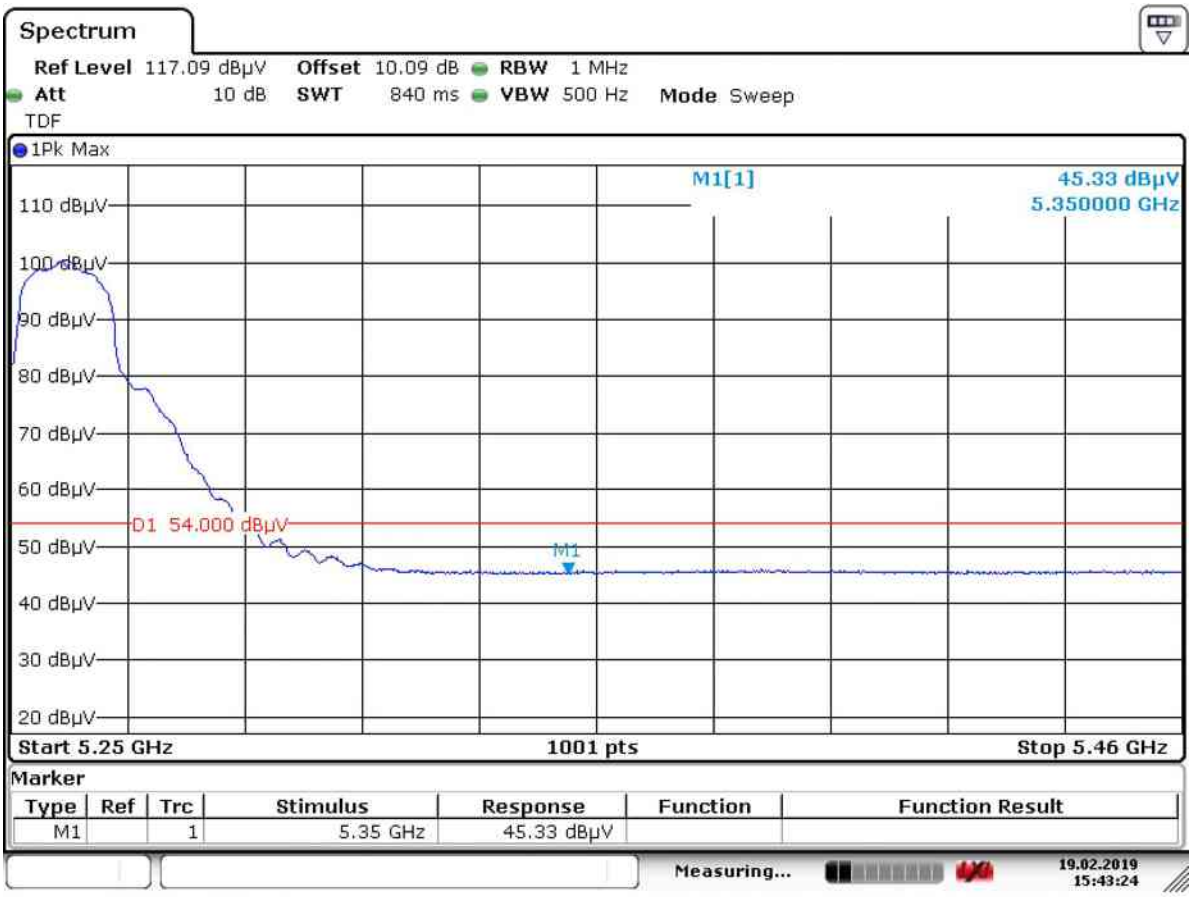


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Channel 52(Vertical)

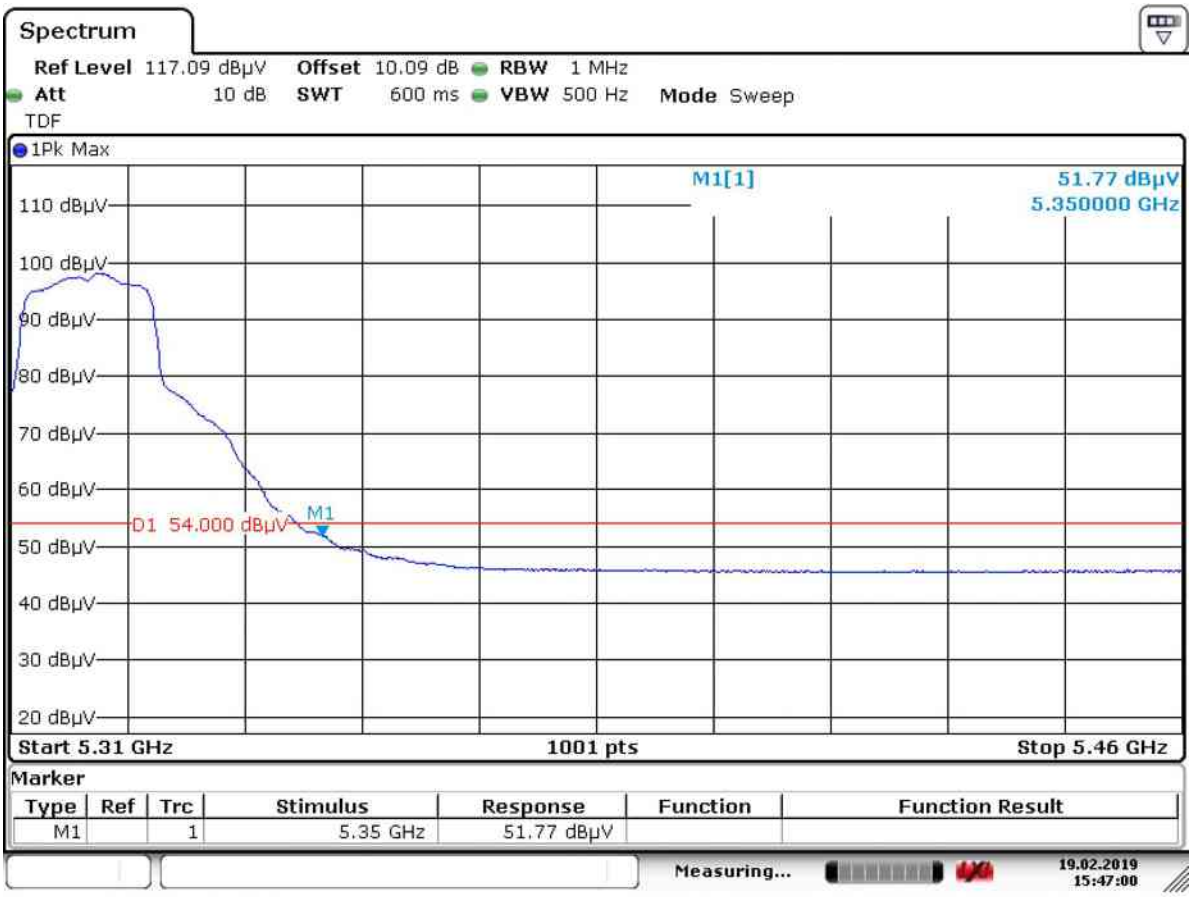


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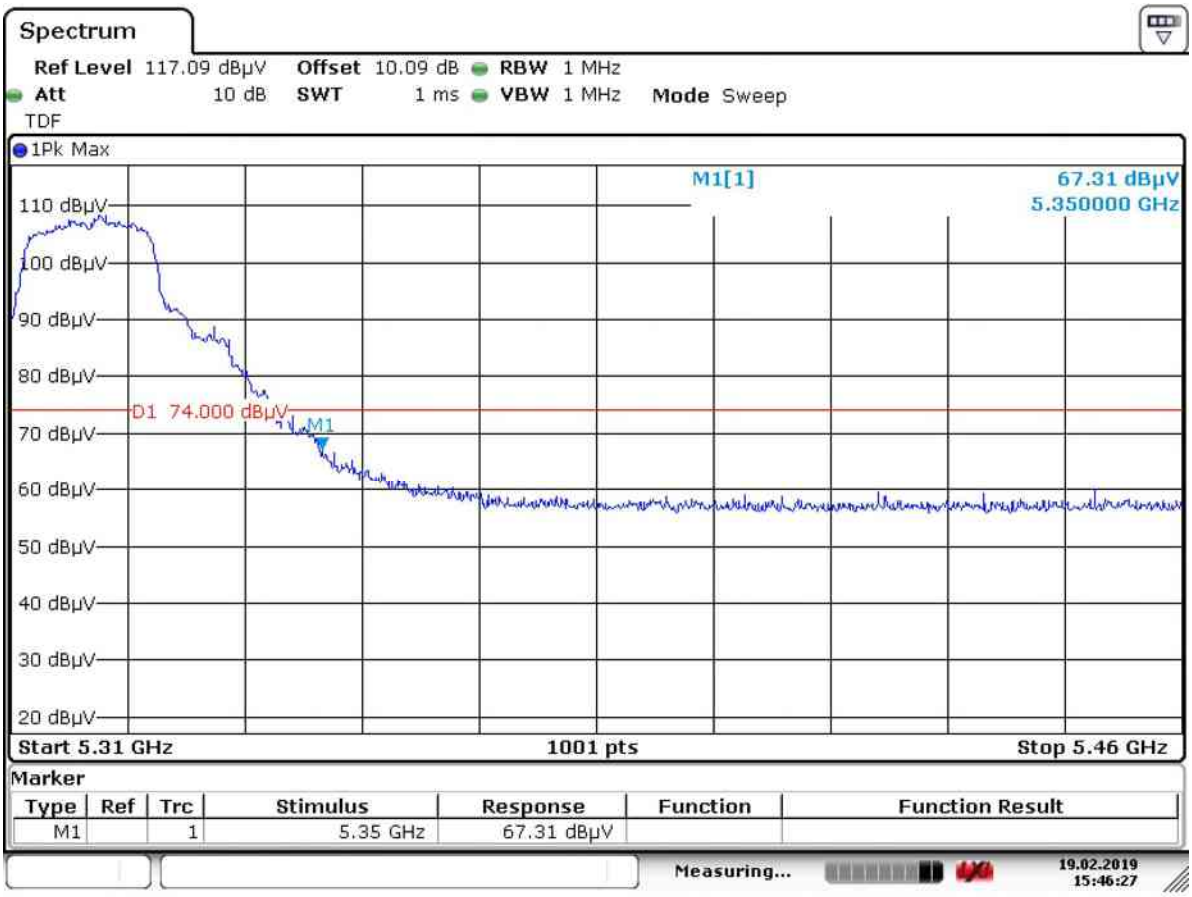


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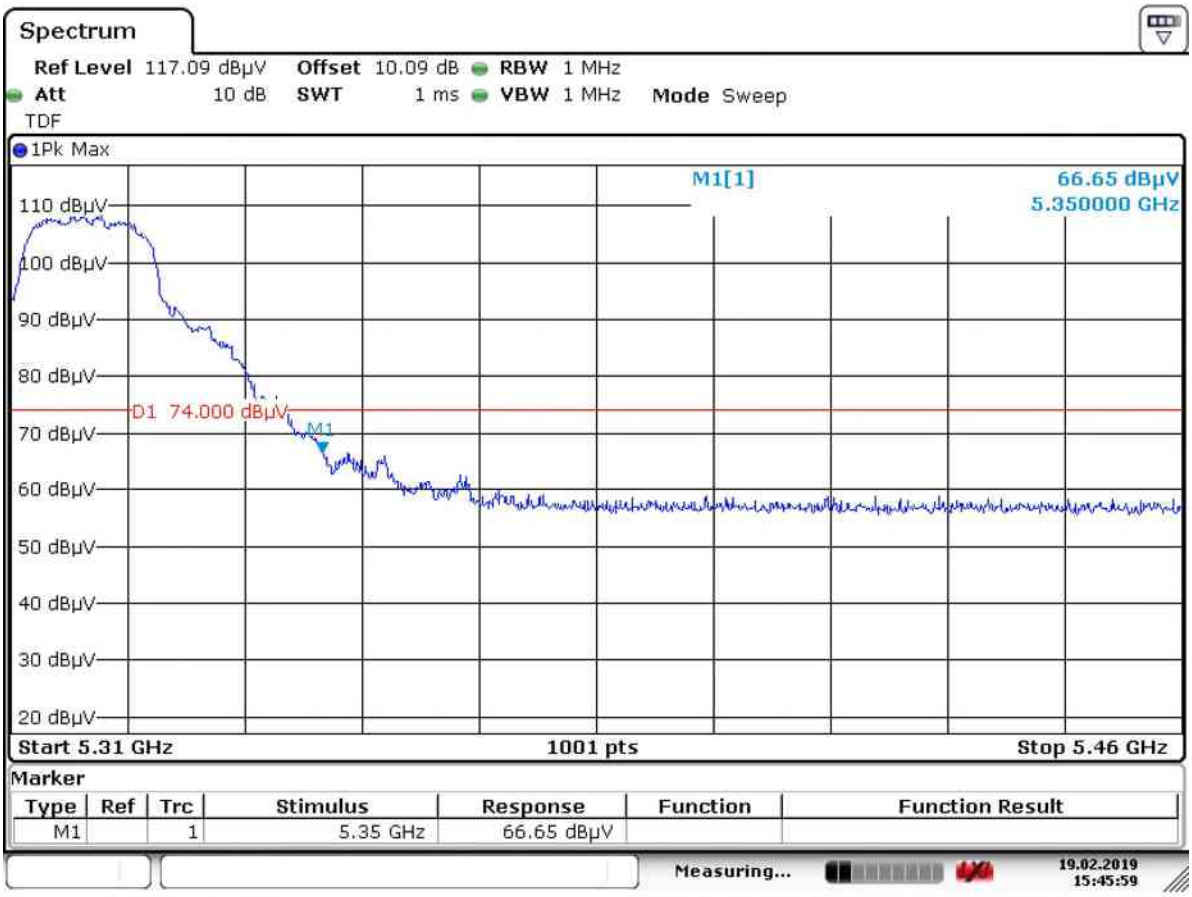


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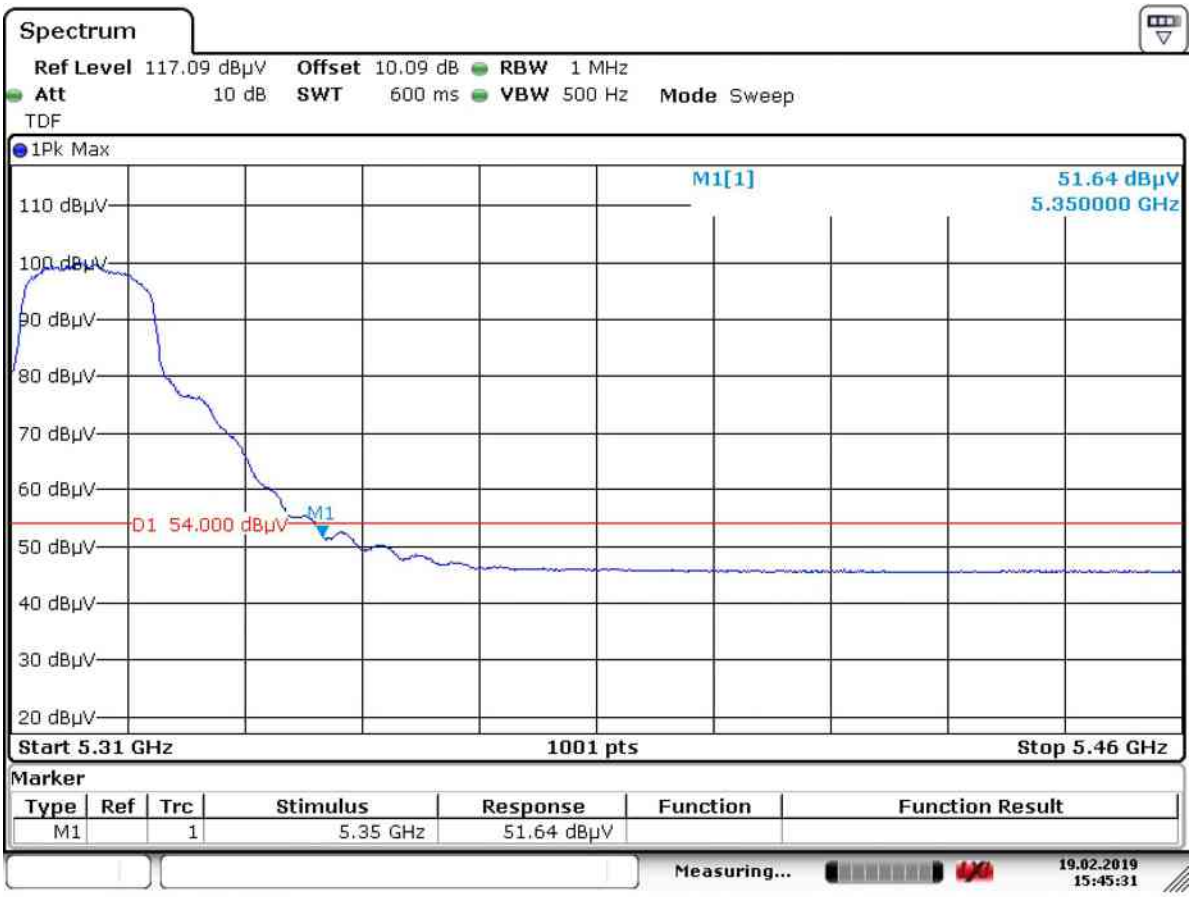


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Channel 64(Vertical)



Date: 19.FEB.2019 15:45:59



Date: 19.FEB.2019 15:45:32

Channel 100(Horizontal)



Date: 19.FEB.2019 16:30:48

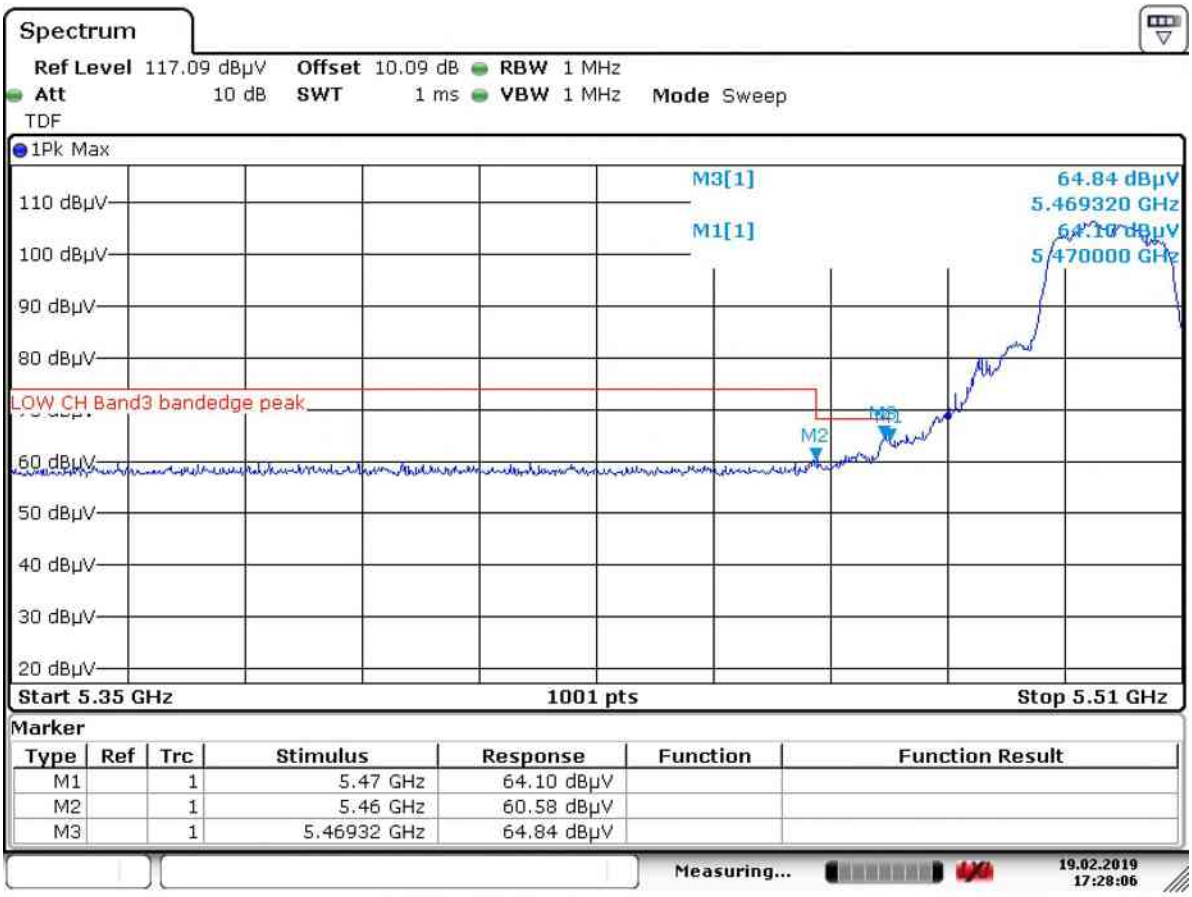


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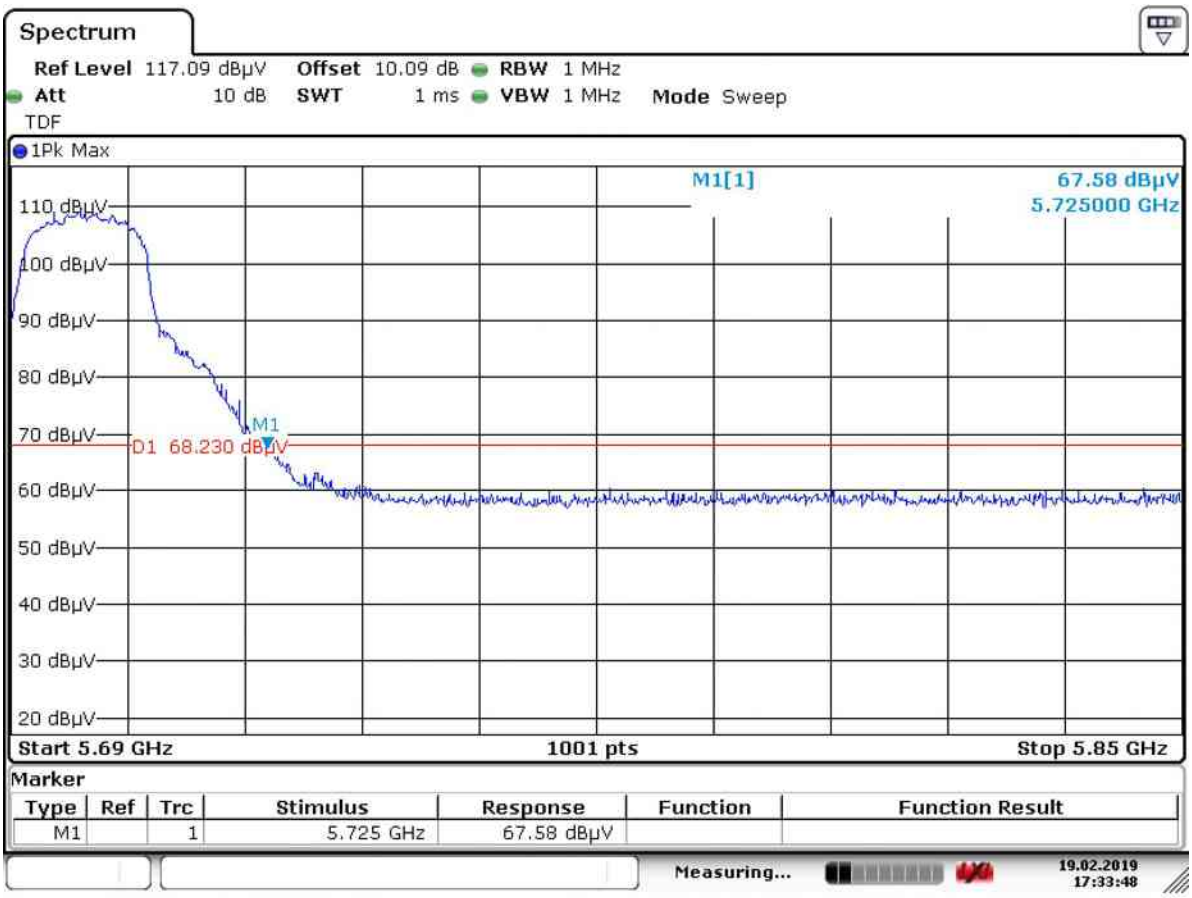


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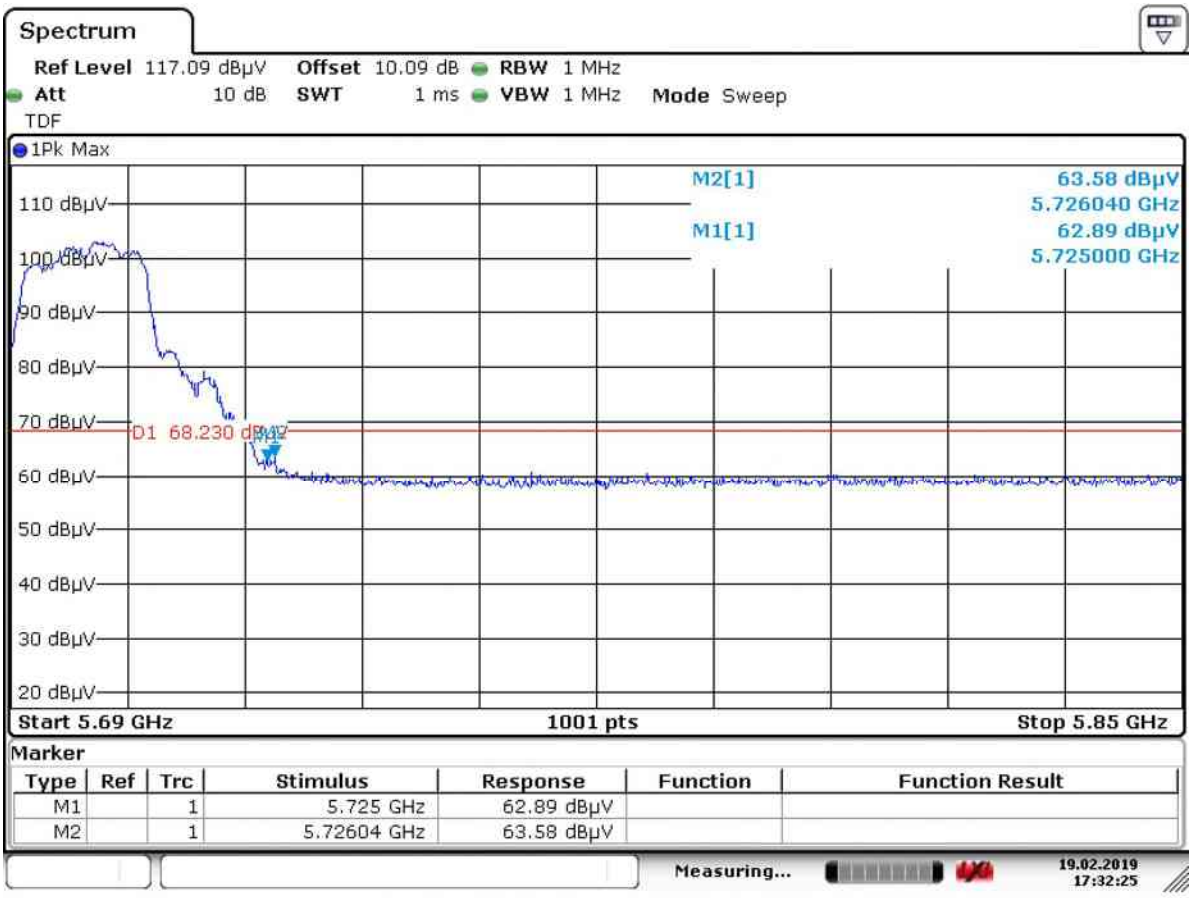
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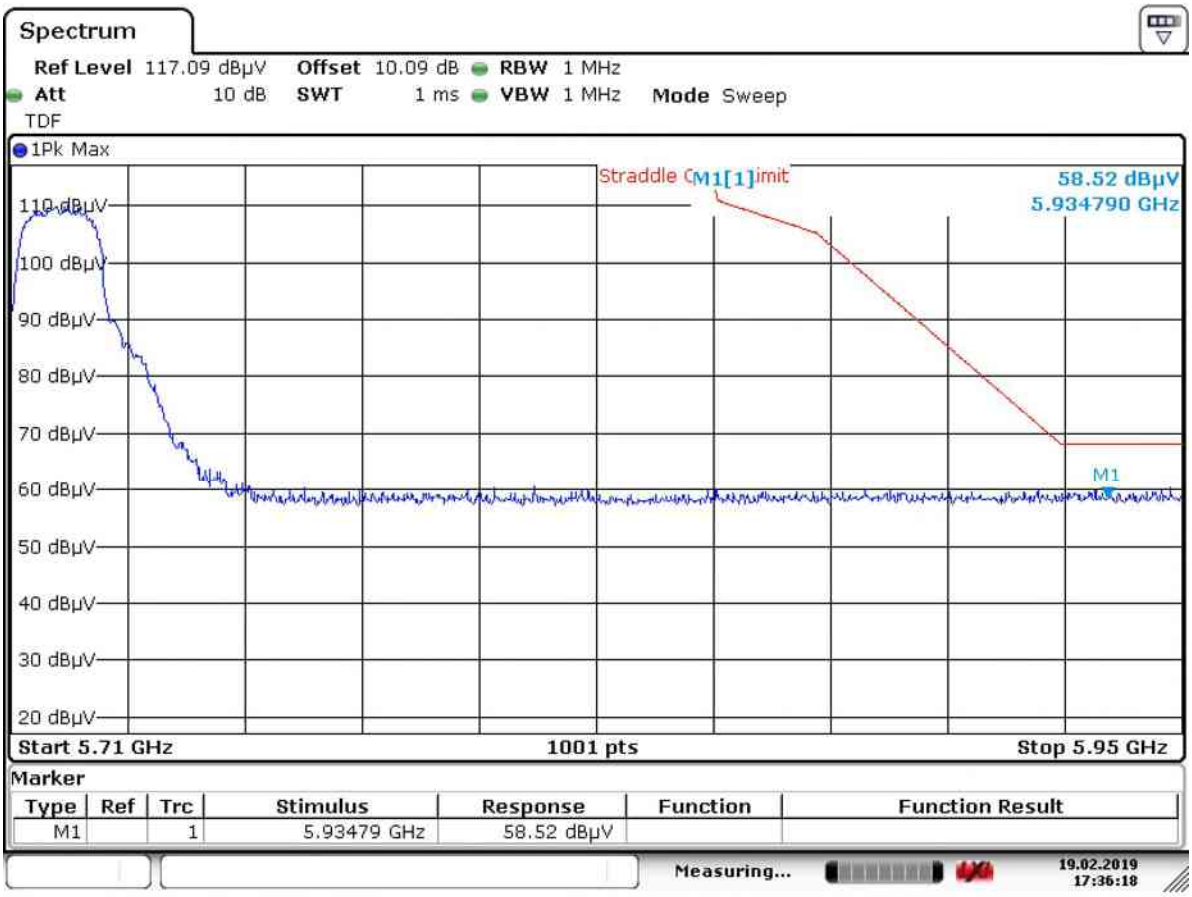
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Channel 140(Vertical)



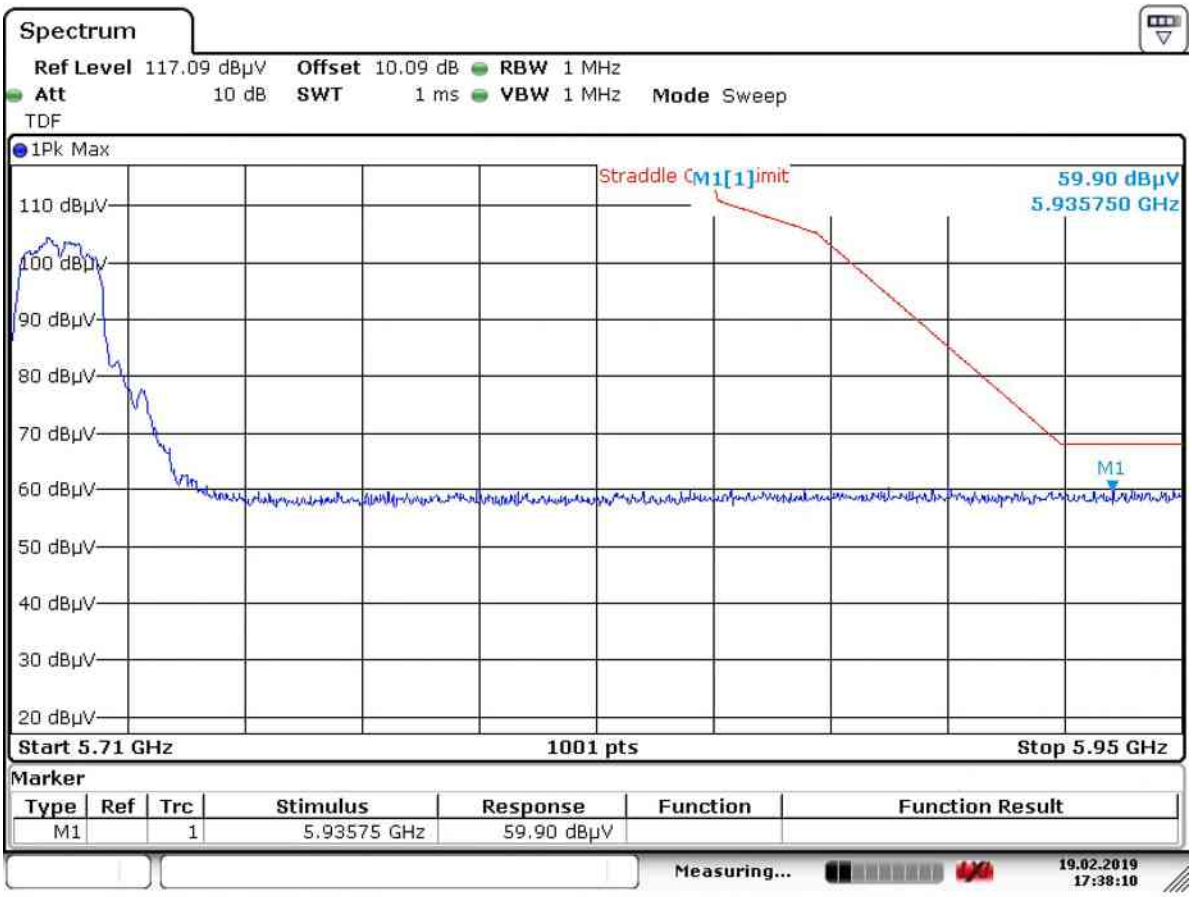
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Channel 144(Horizontal)



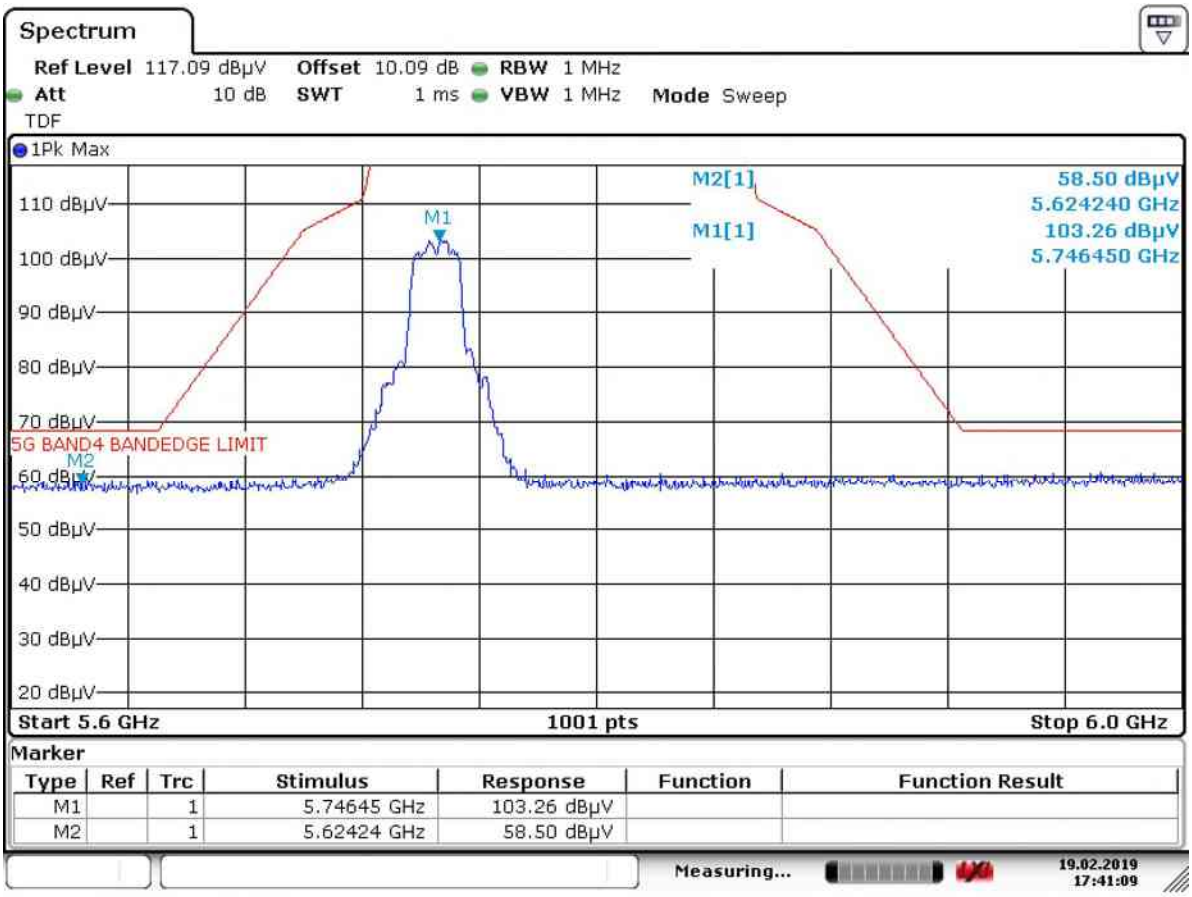
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Channel 144(Vertical)



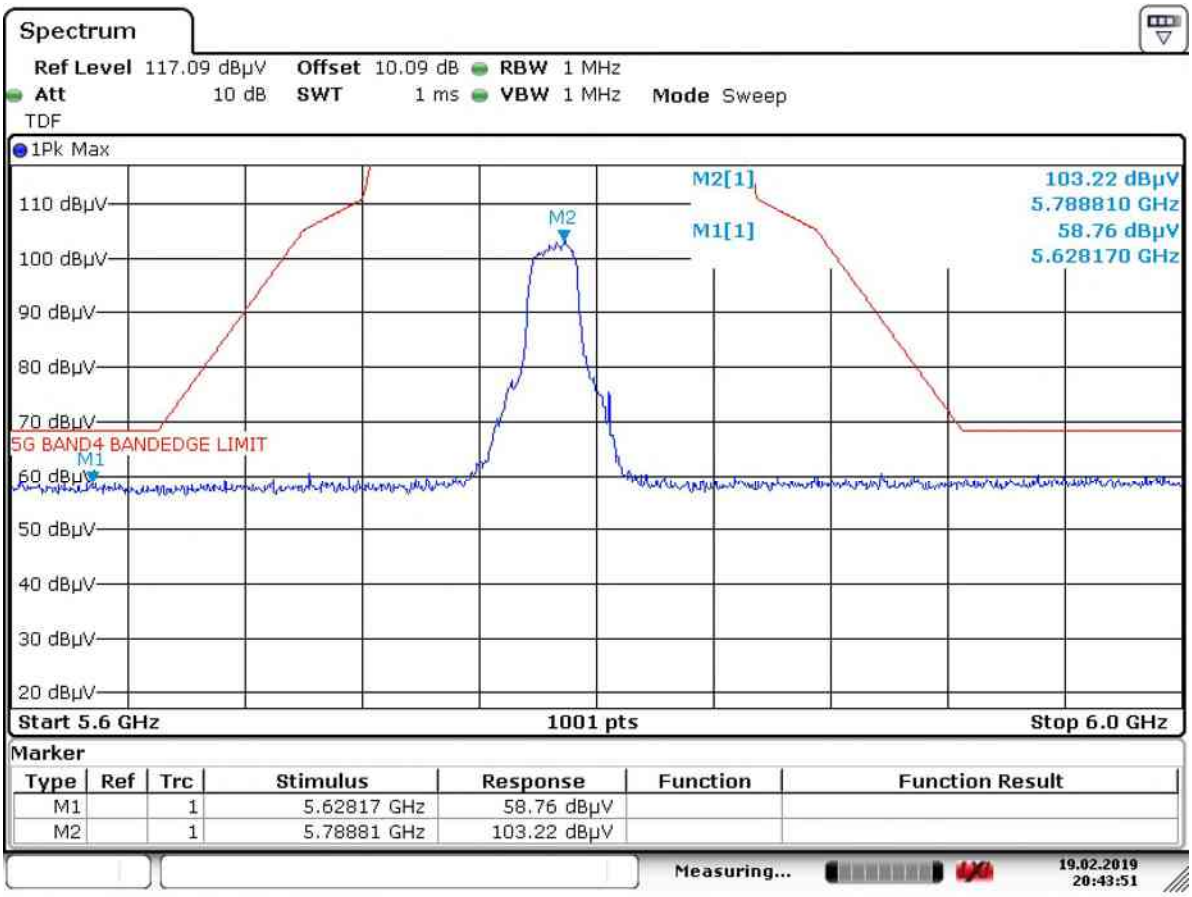
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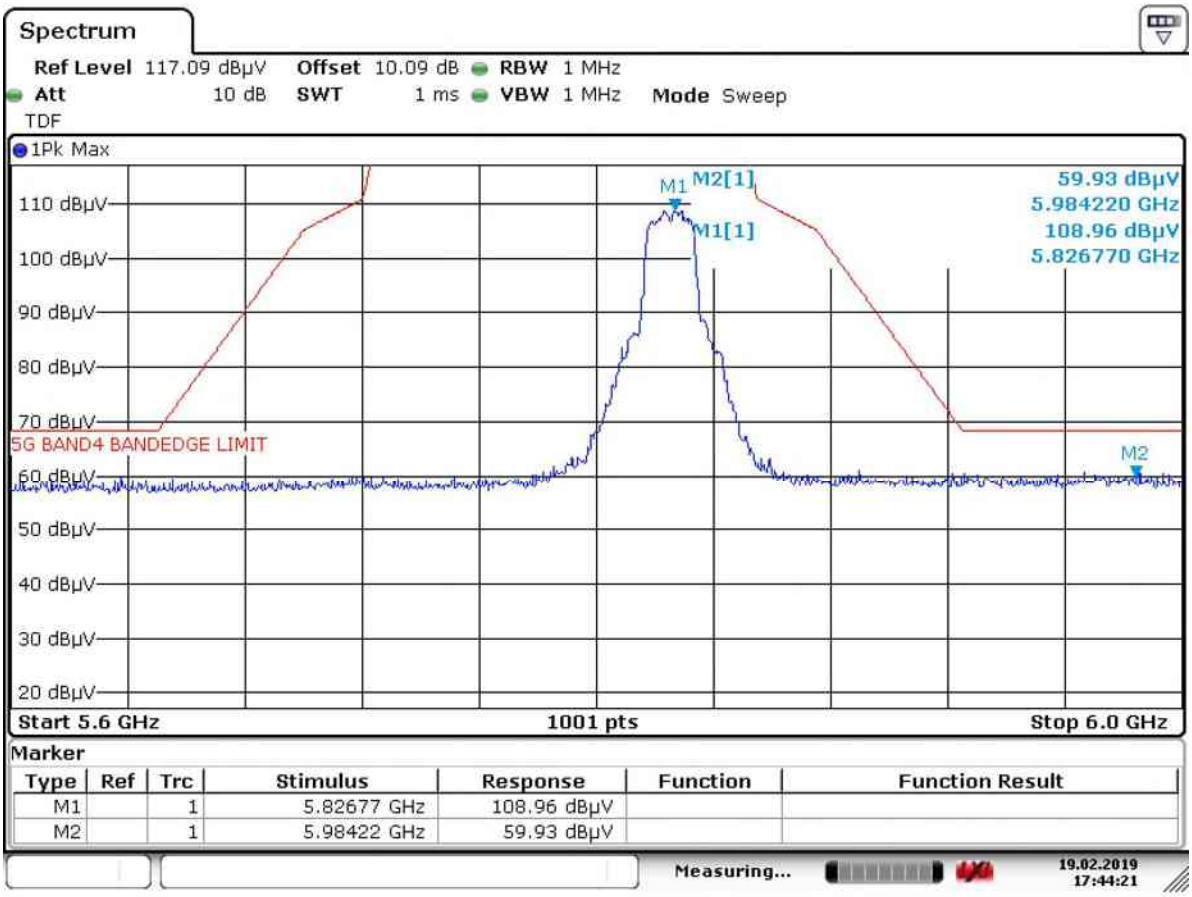
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Channel 149(Vertical)



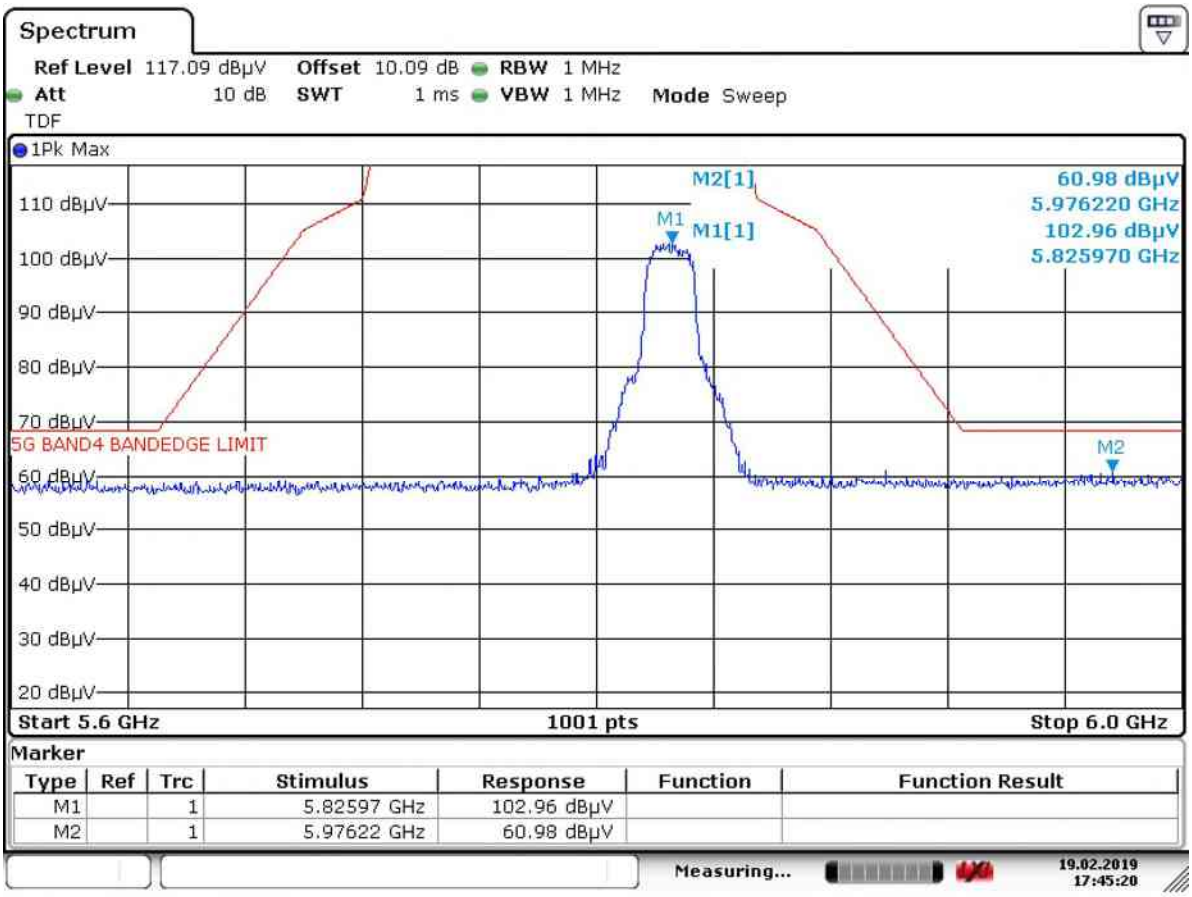
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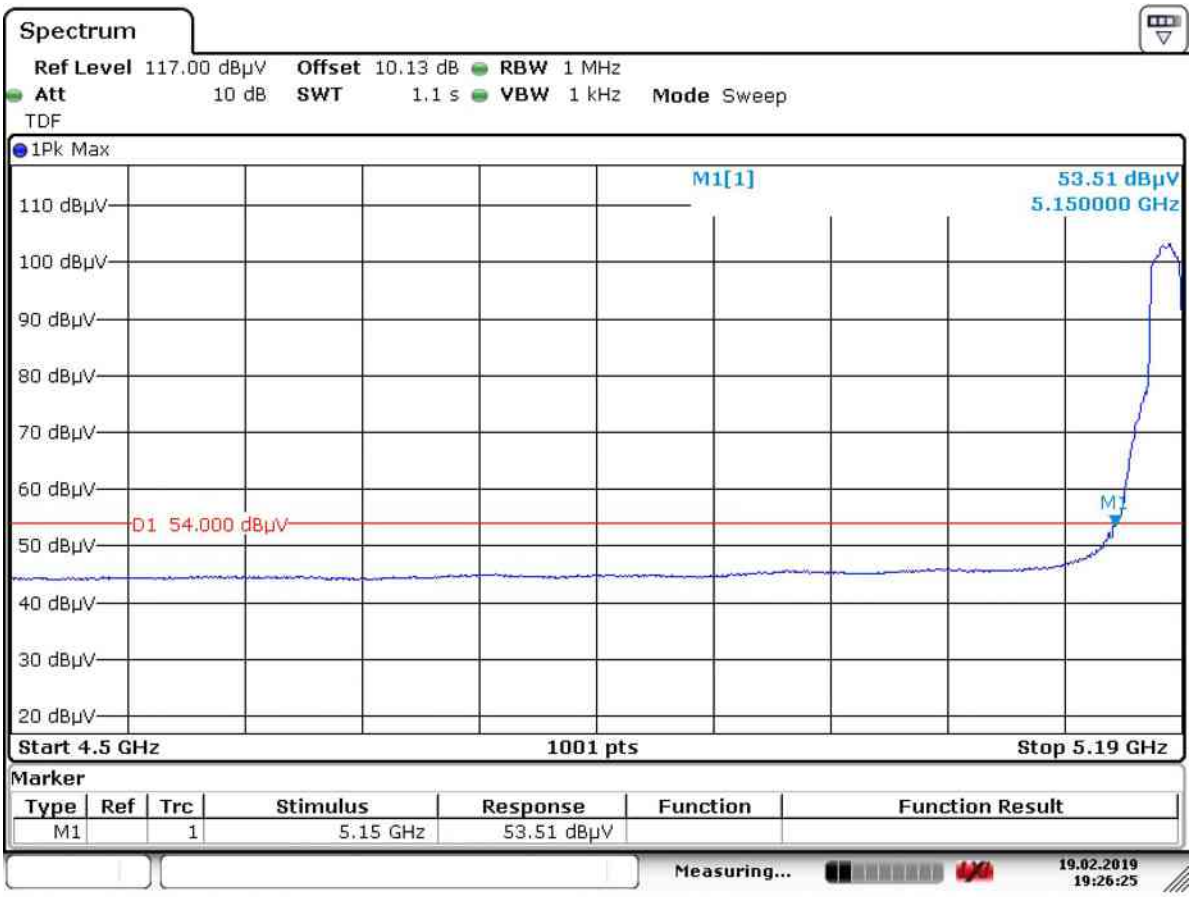
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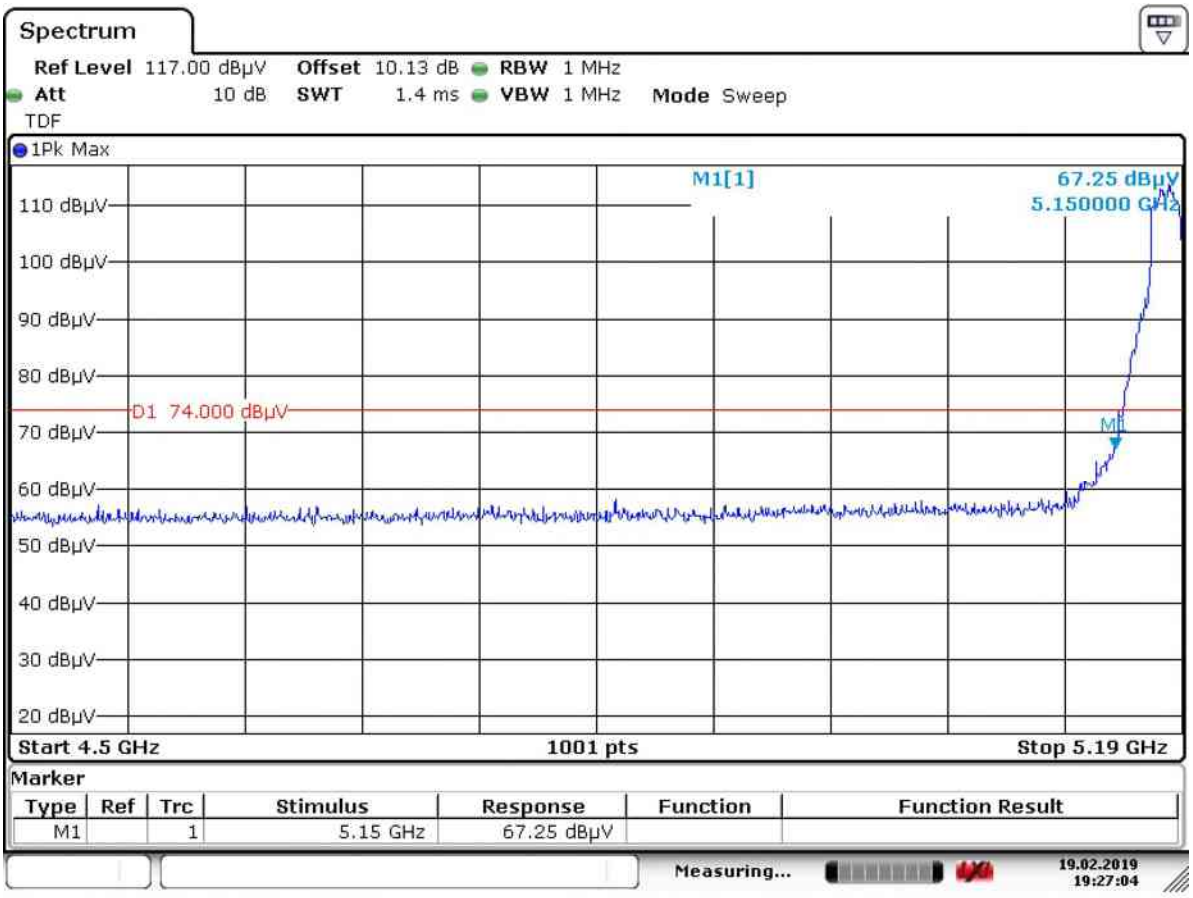
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802.11ac VHT20

Channel 36(Horizontal)

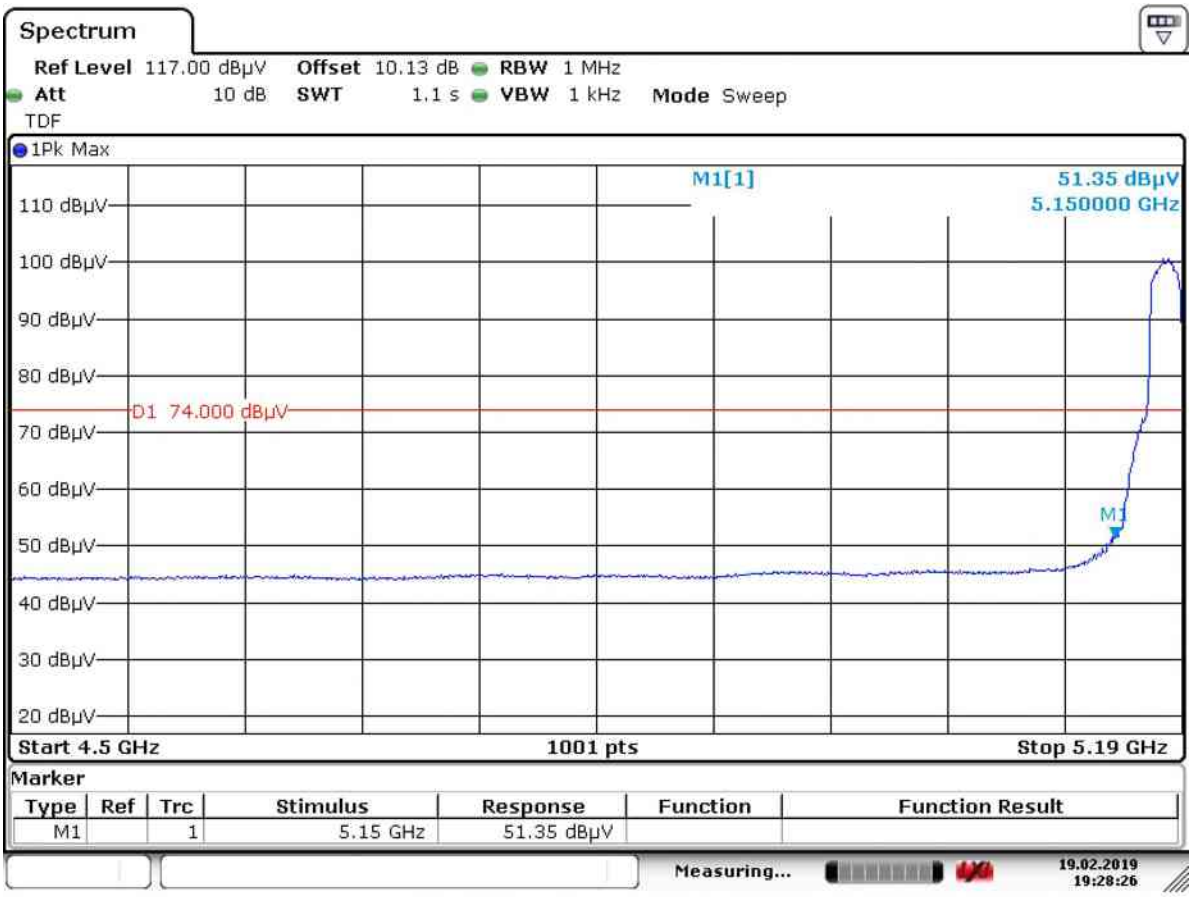


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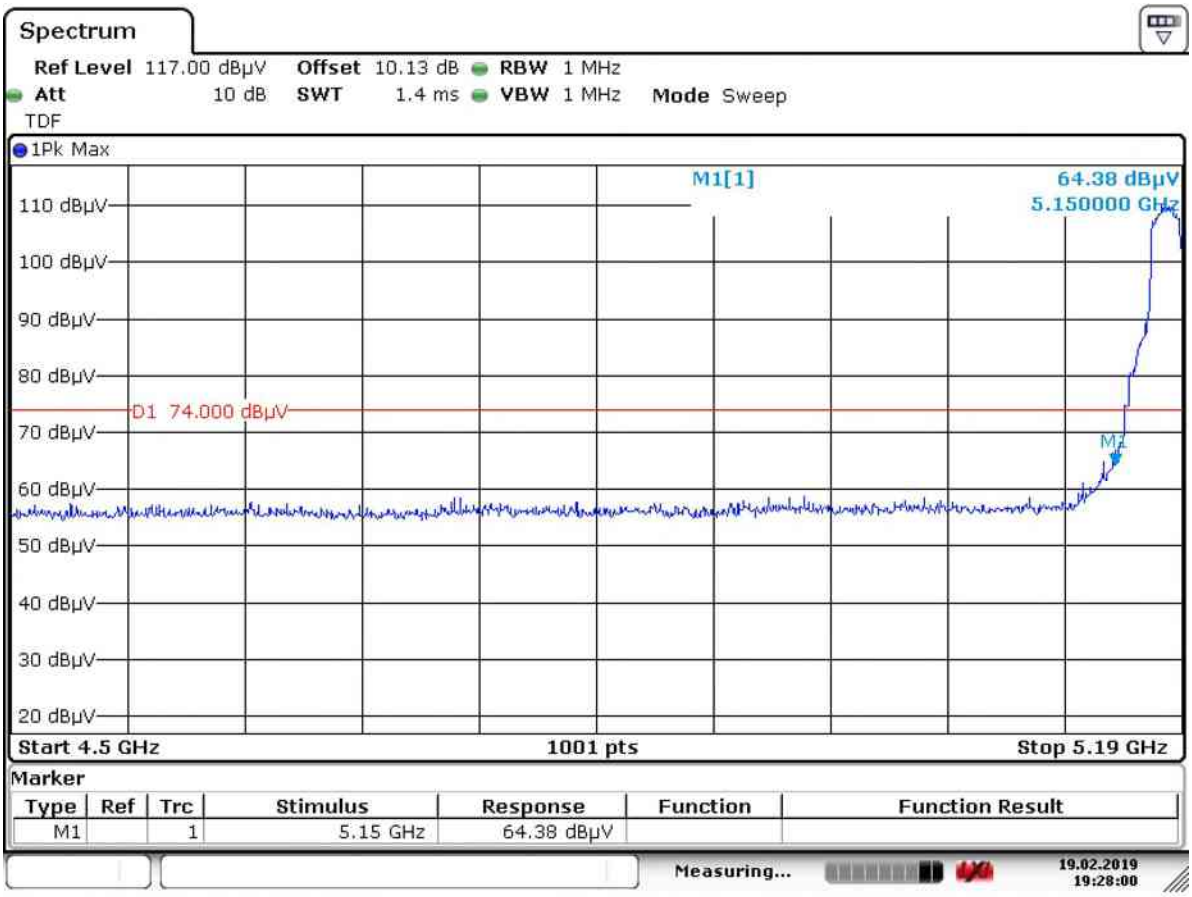


Date: 19.FEB.2019 19:27:04

Channel 36(Vertical)

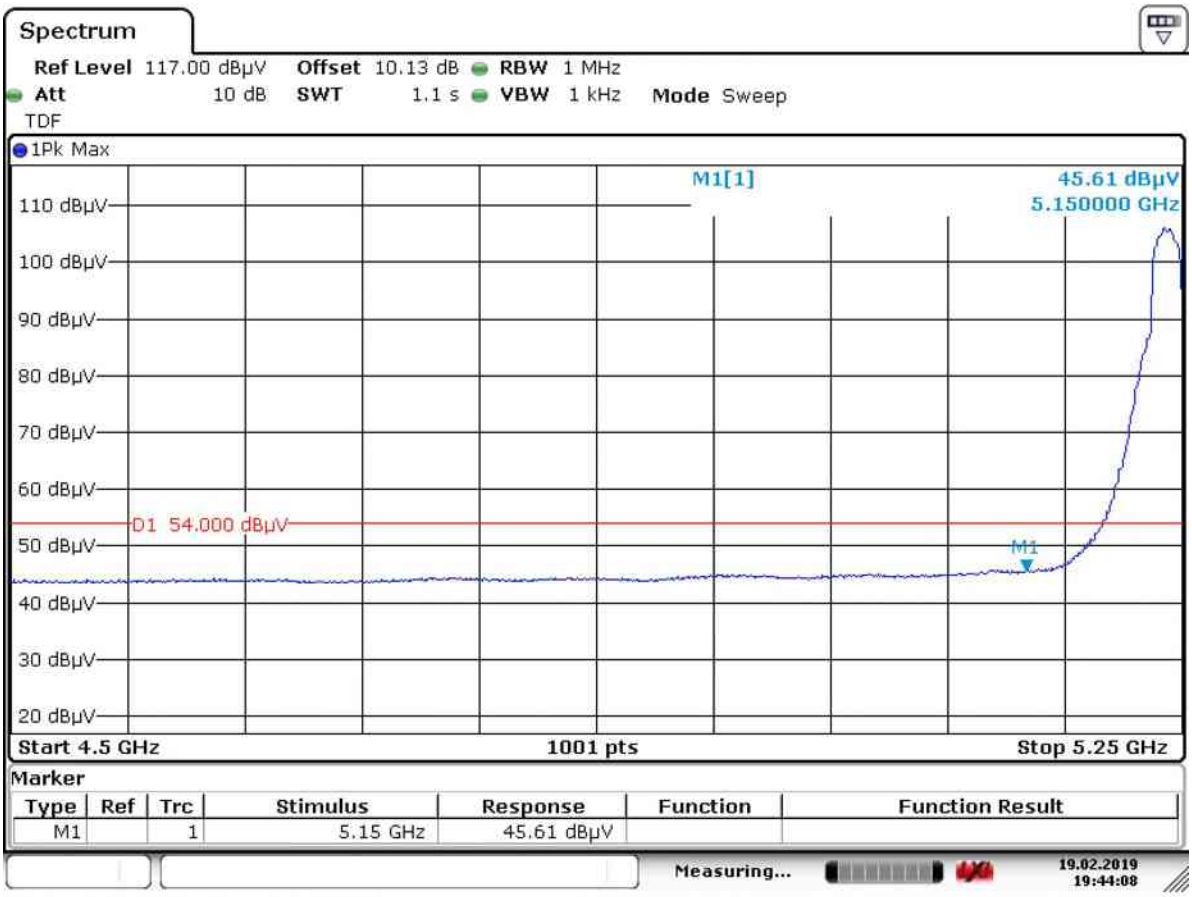


Date: 19.FEB.2019 19:28:26

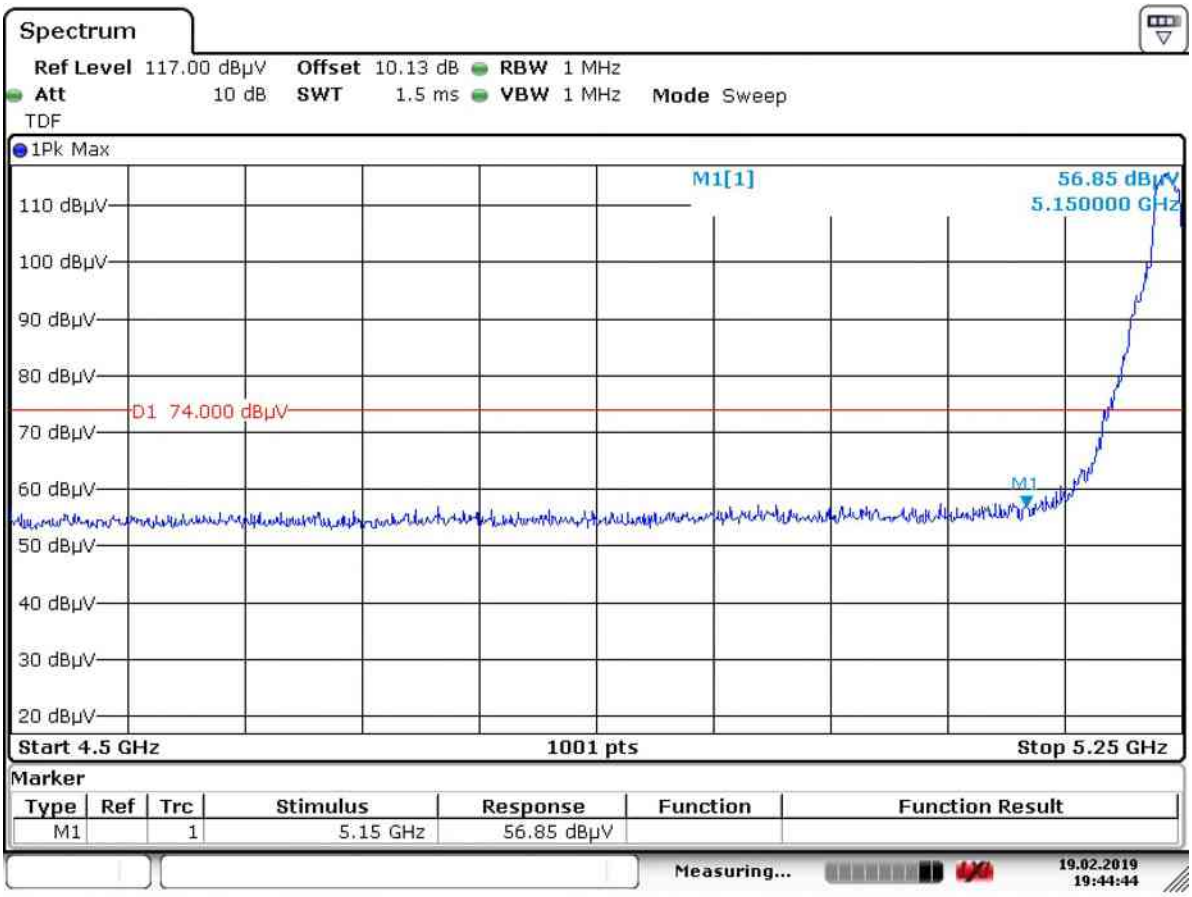


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Channel 48(Horizontal)

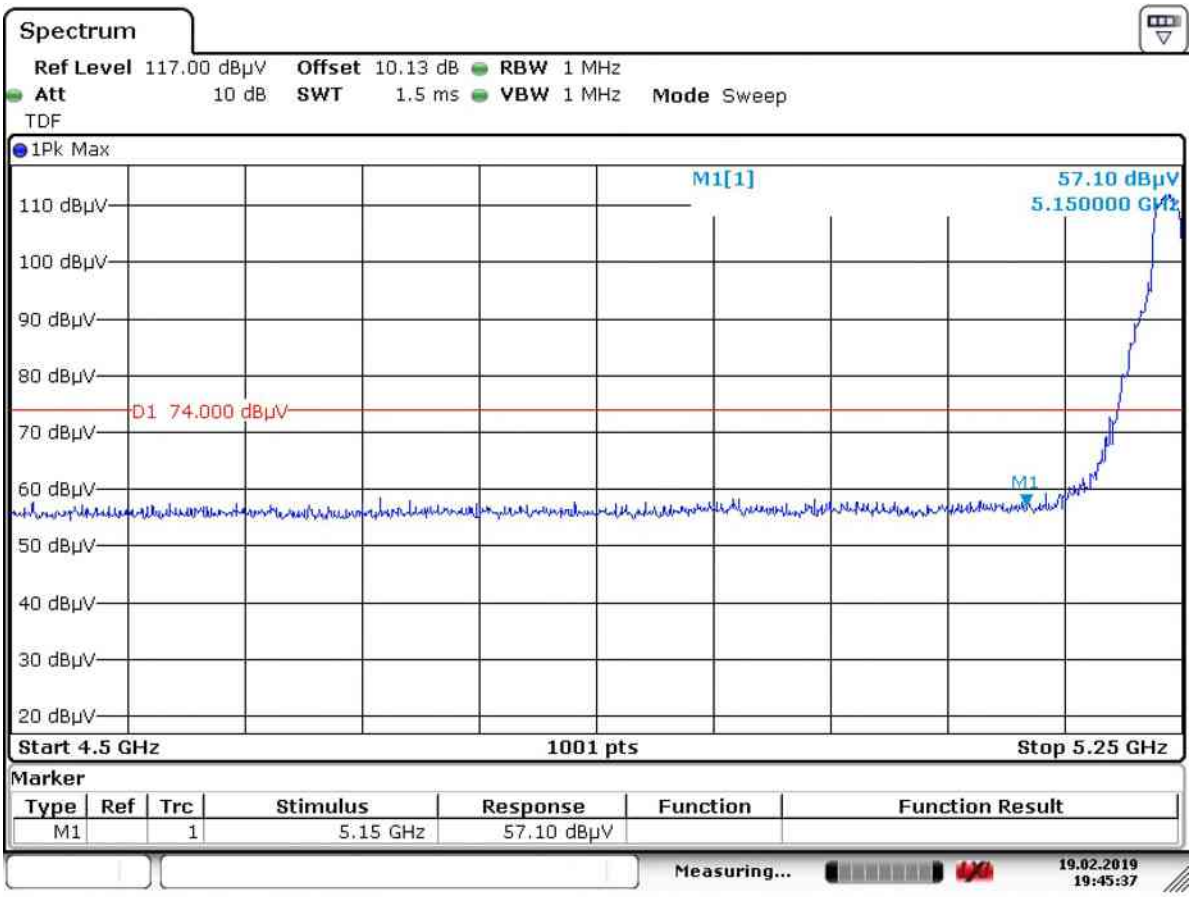


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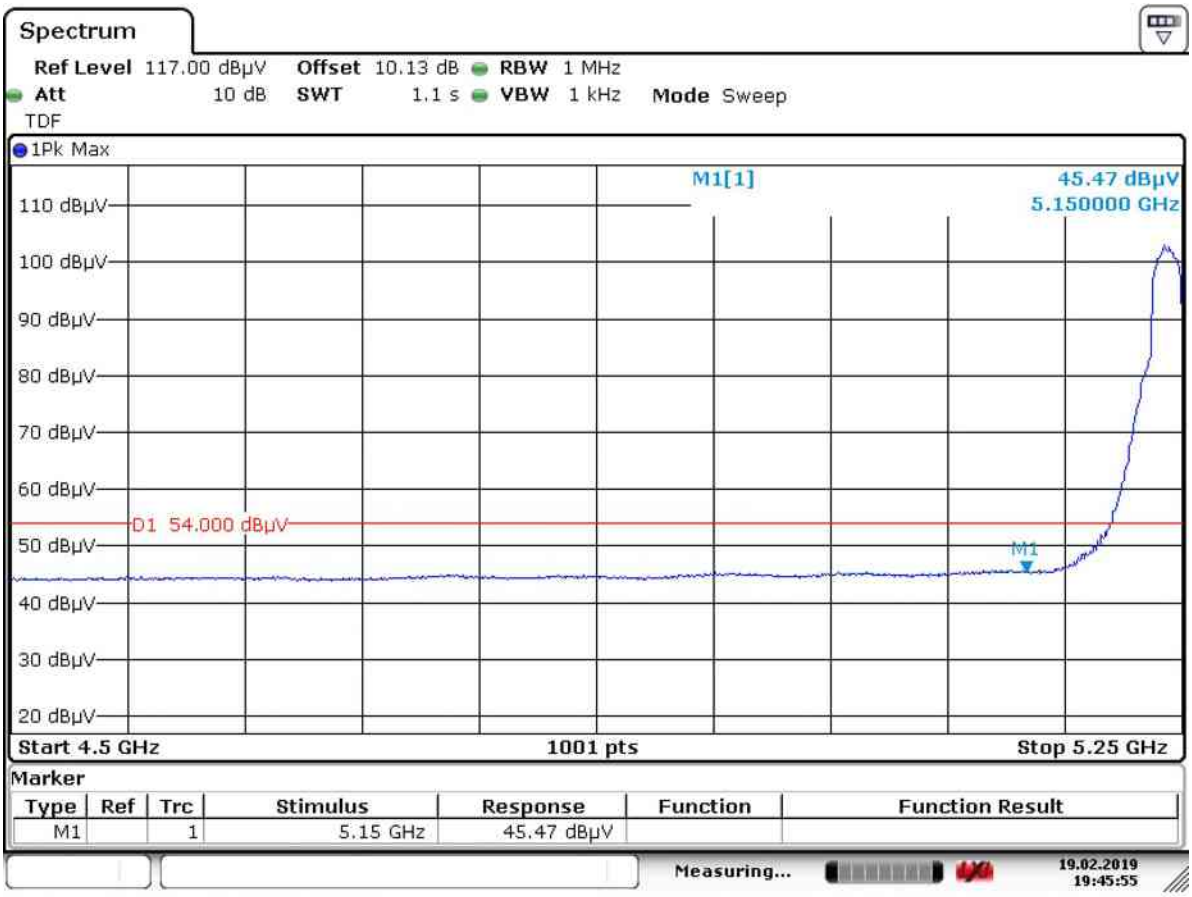


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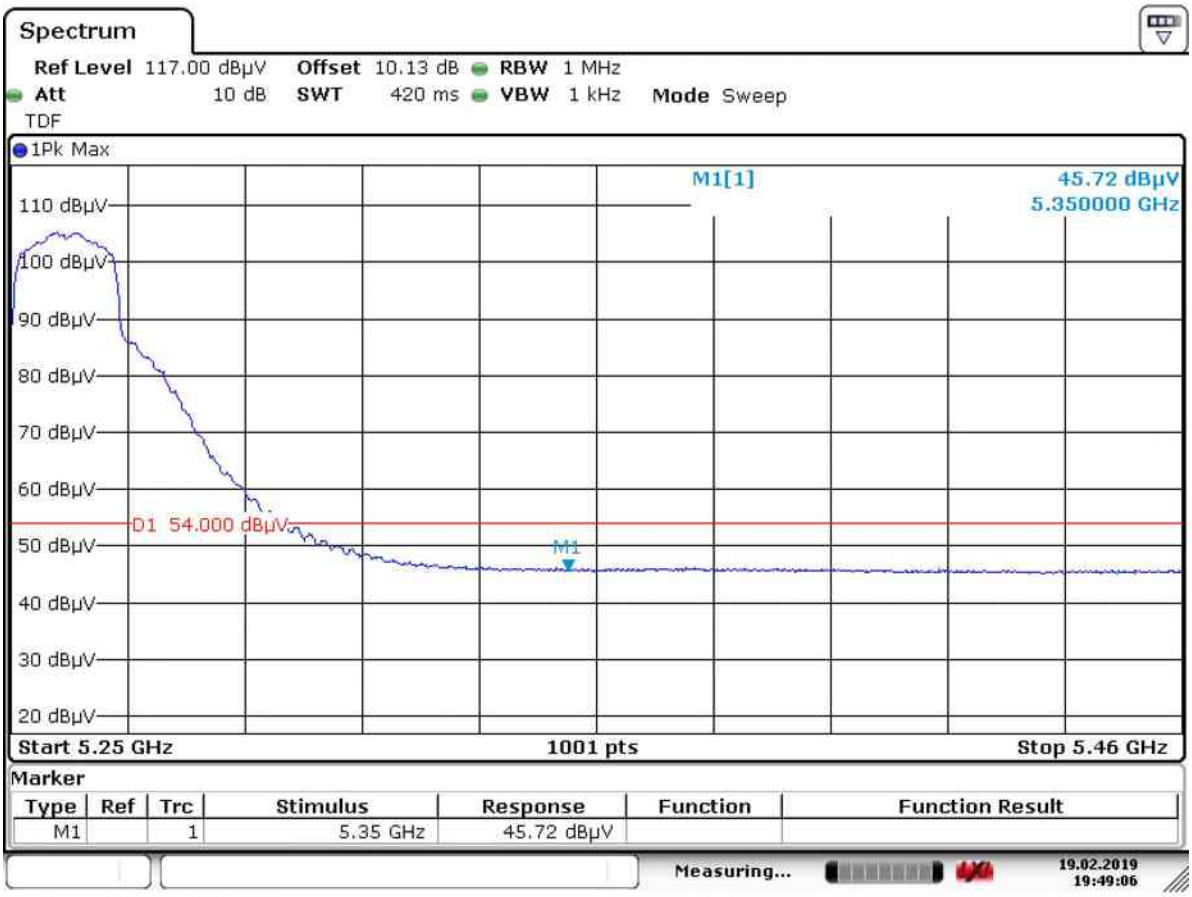


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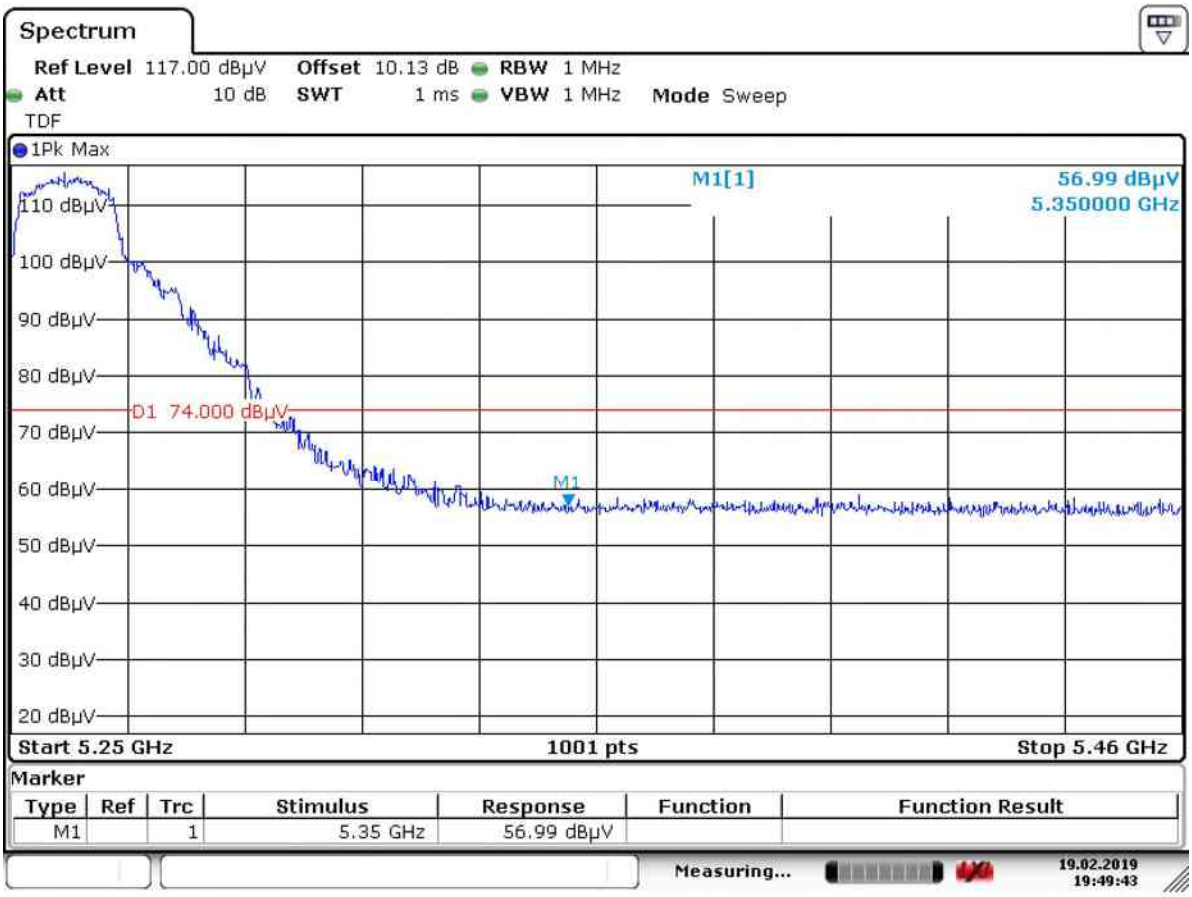


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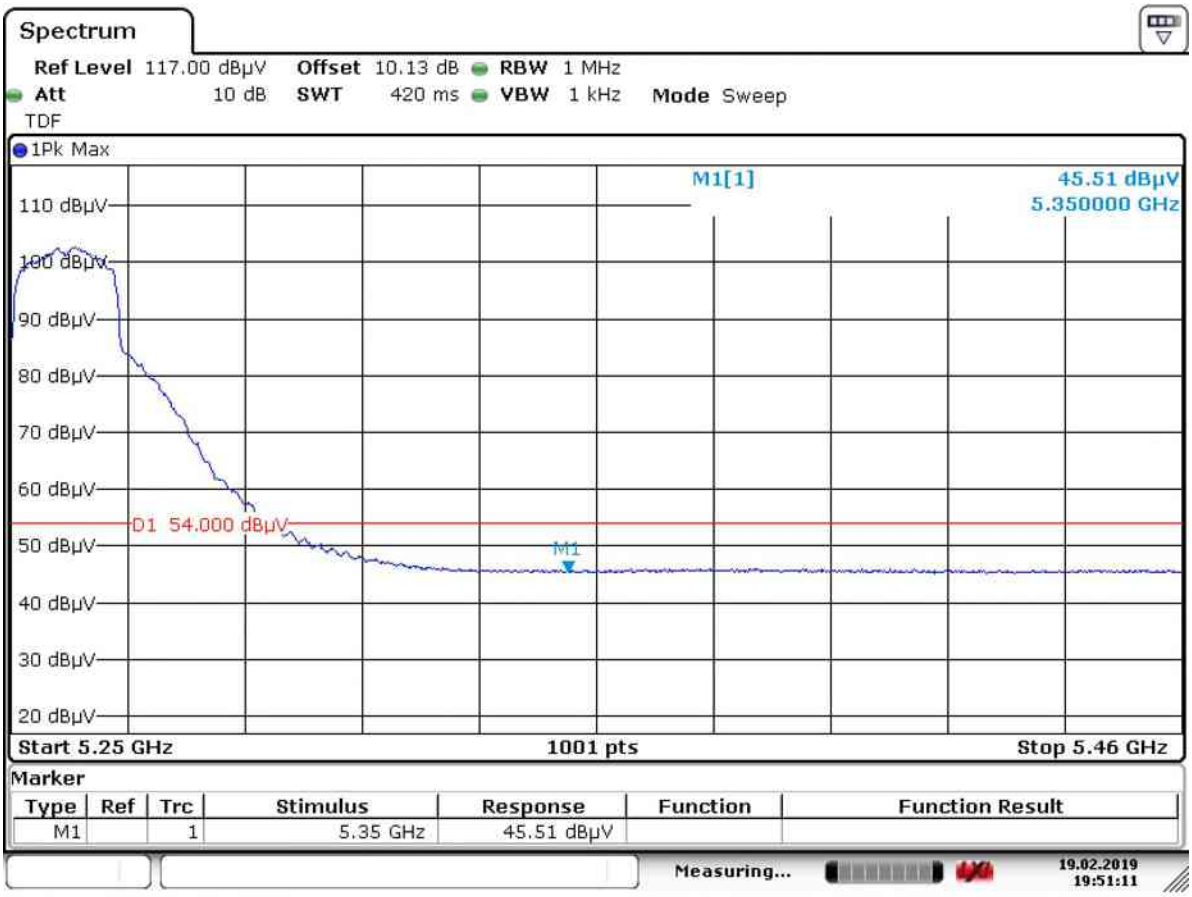


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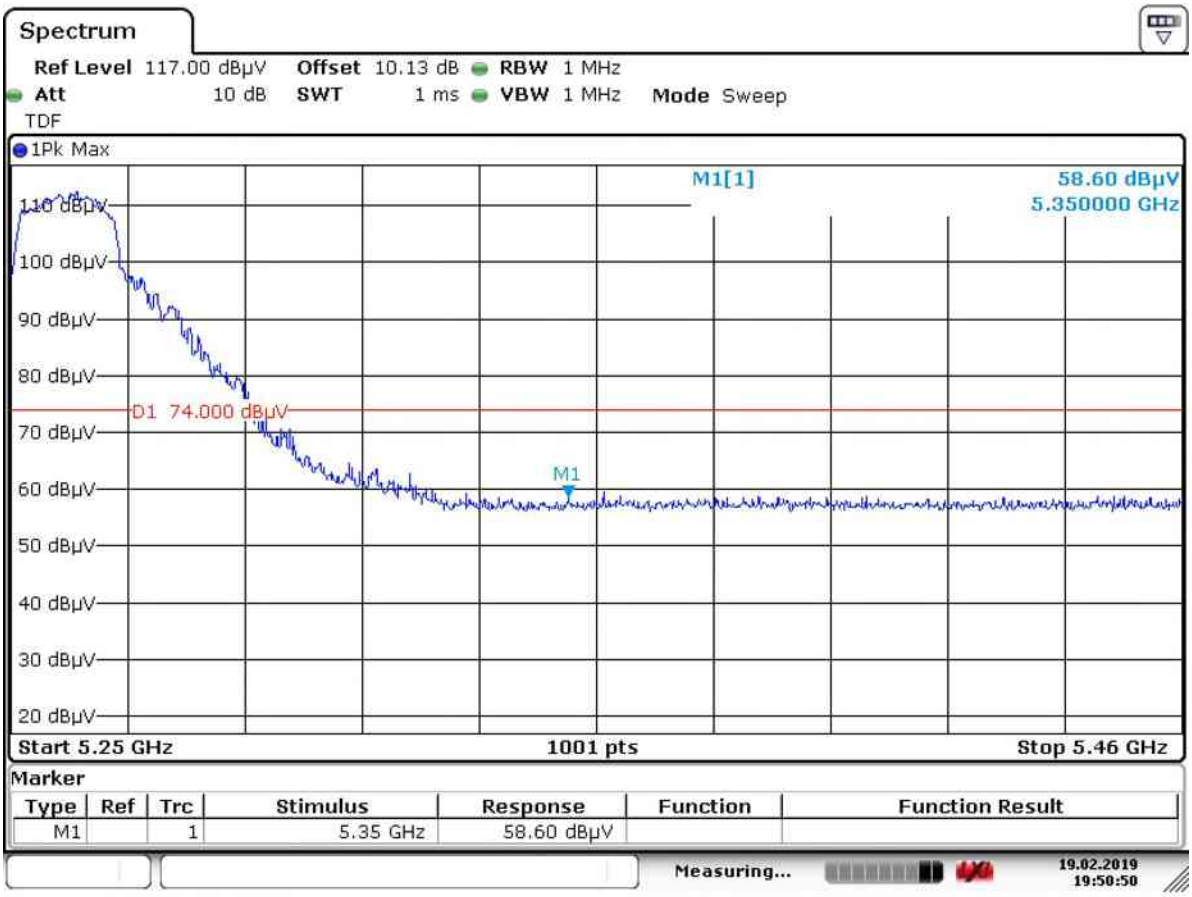


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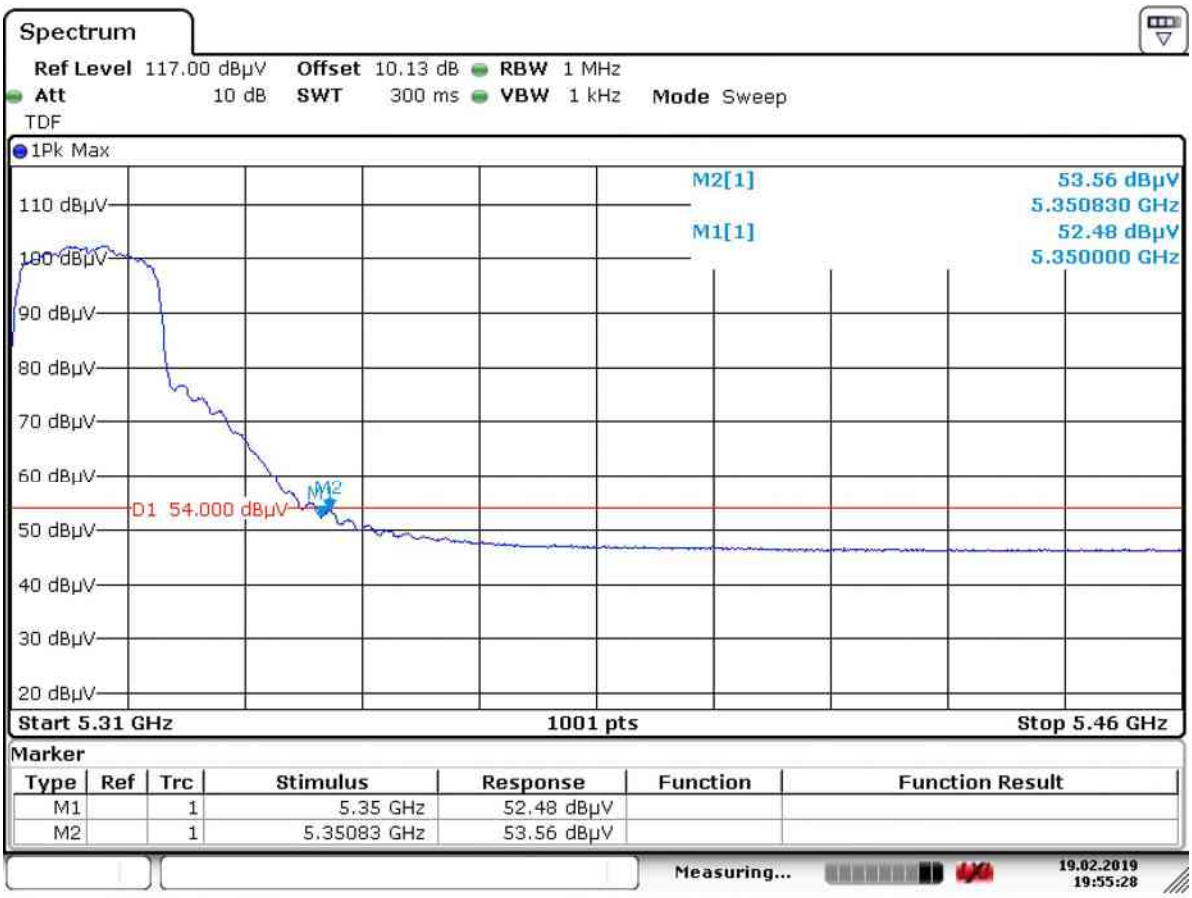


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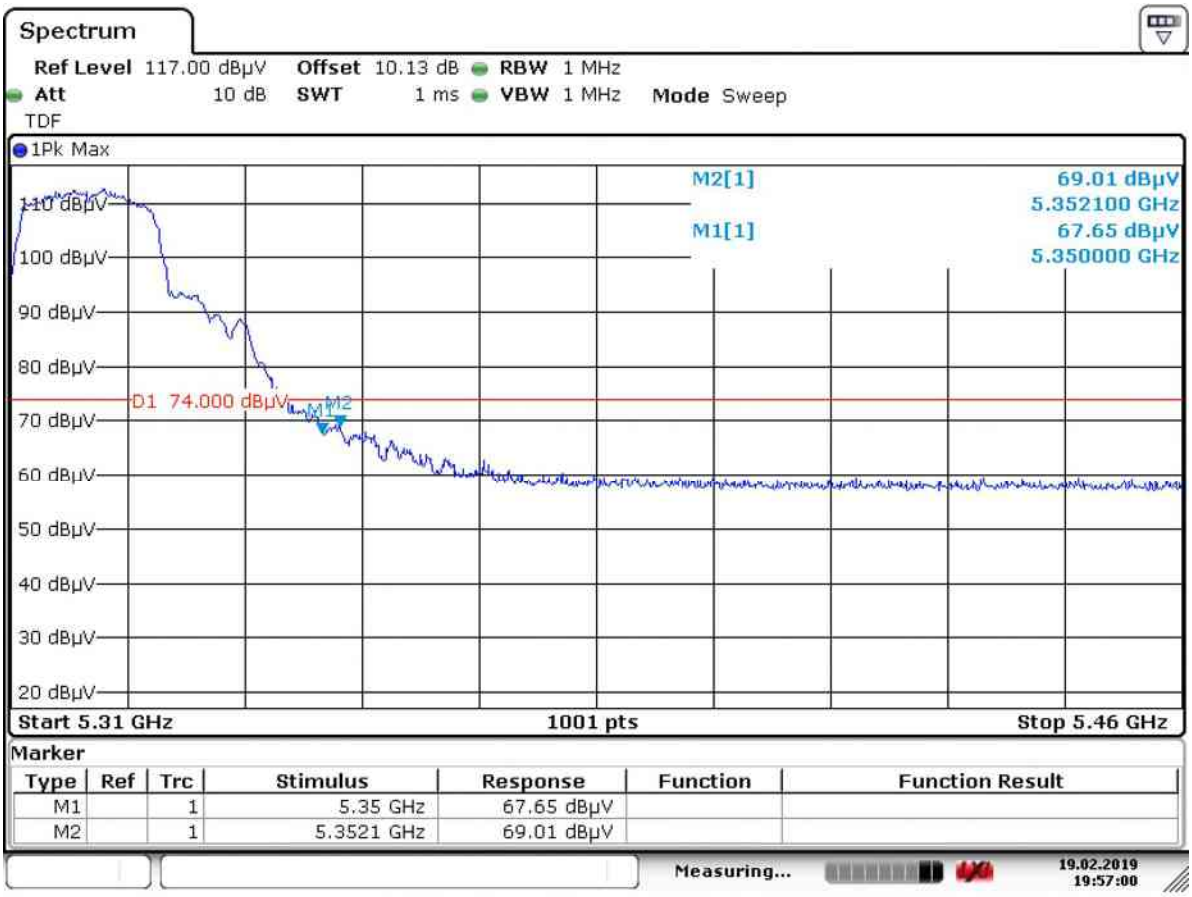


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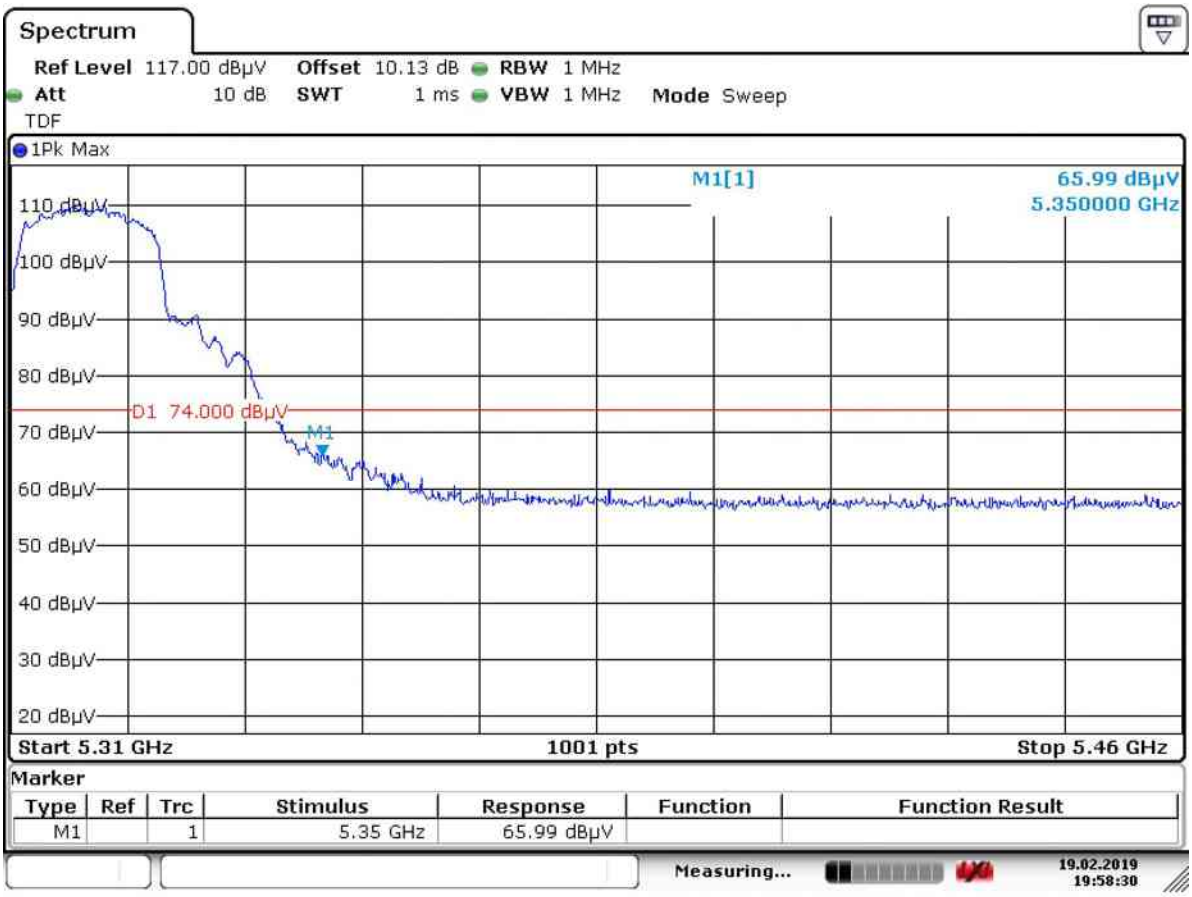


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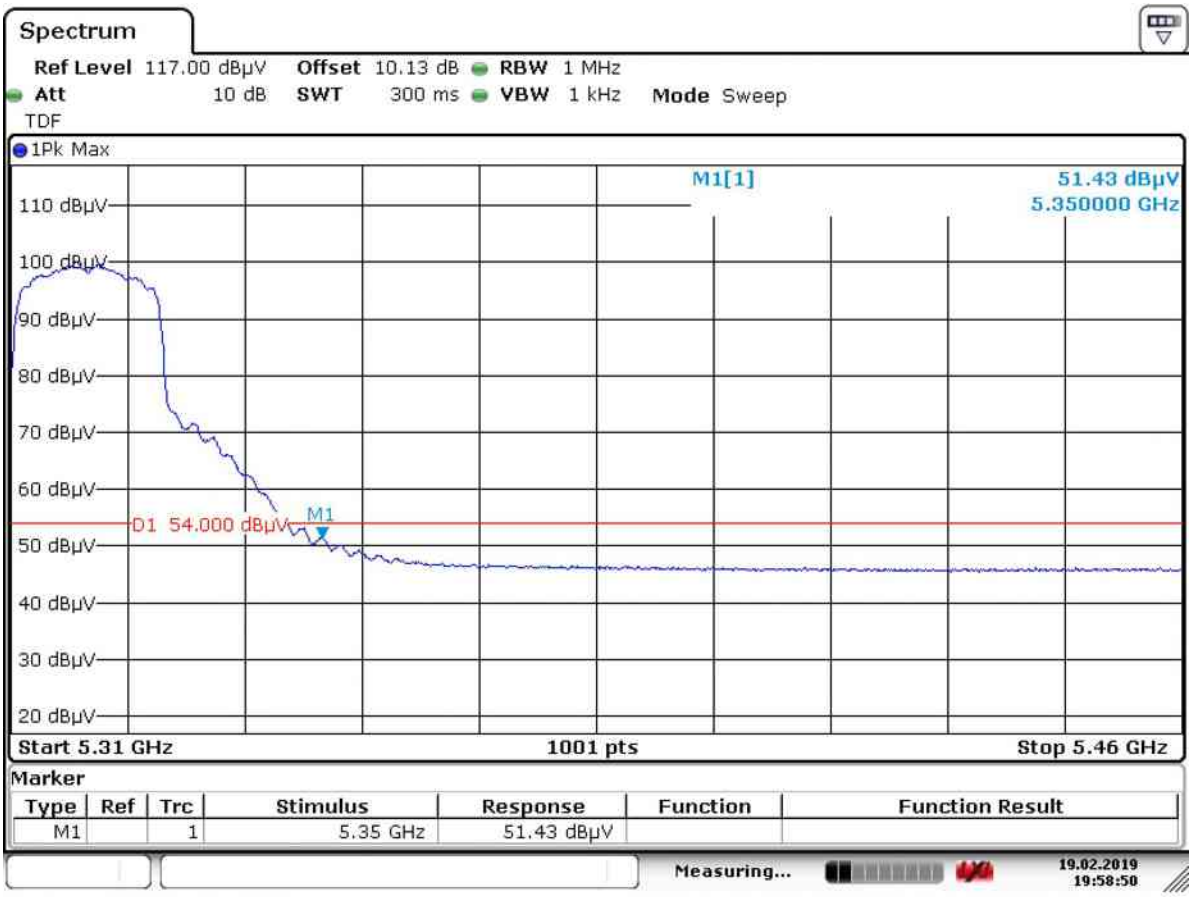


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Channel 64(Vertical)



Date: 19.FEB.2019 19:58:30

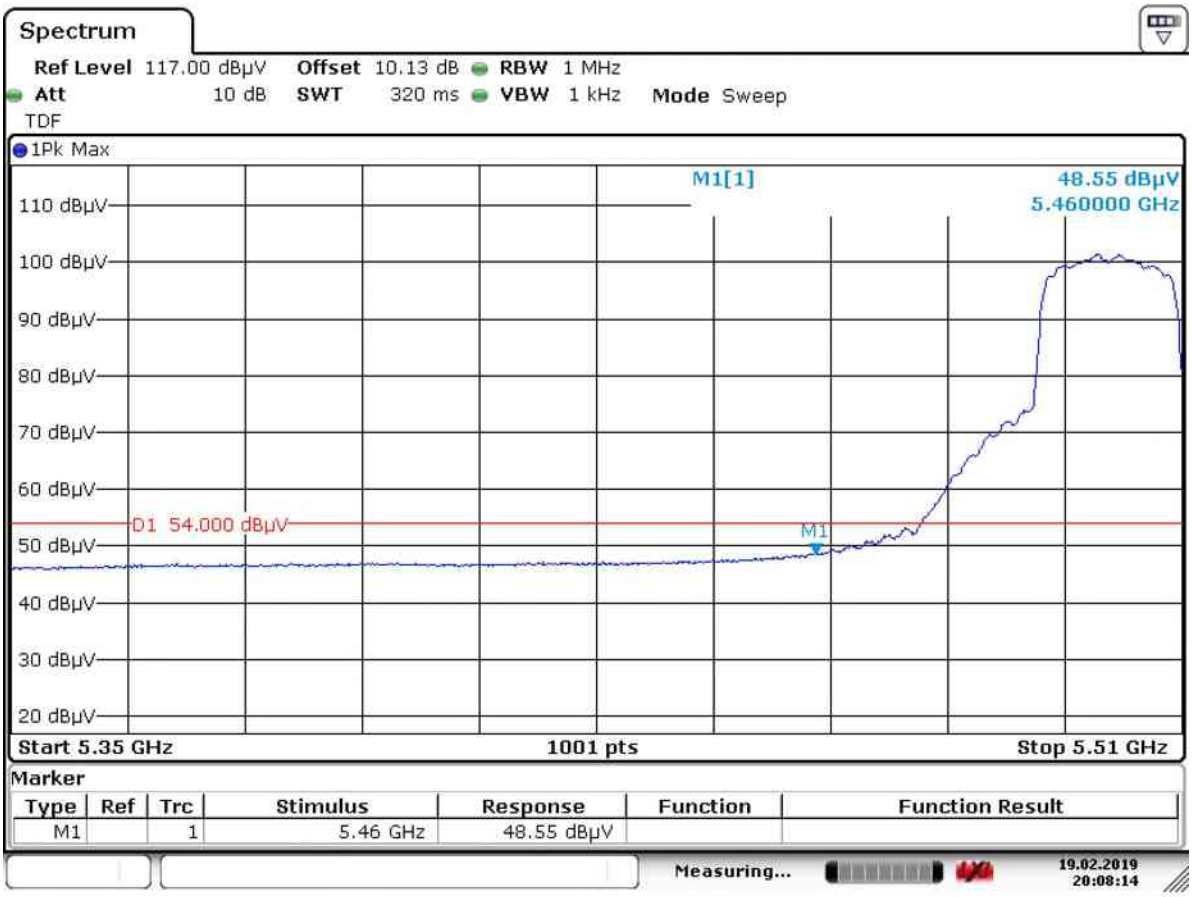


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Channel 100(Horizontal)



Date: 19.FEB.2019 20:07:09

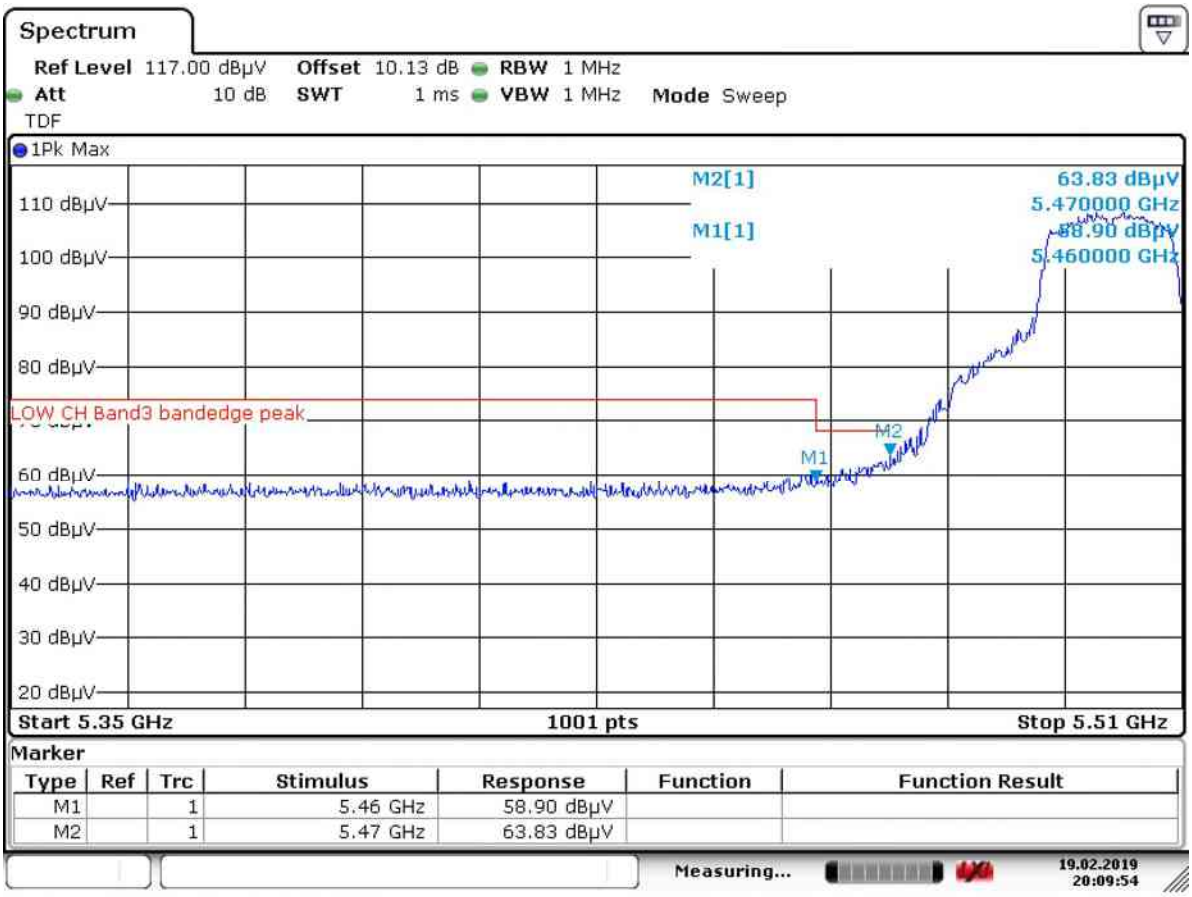


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Channel 100(Vertical)

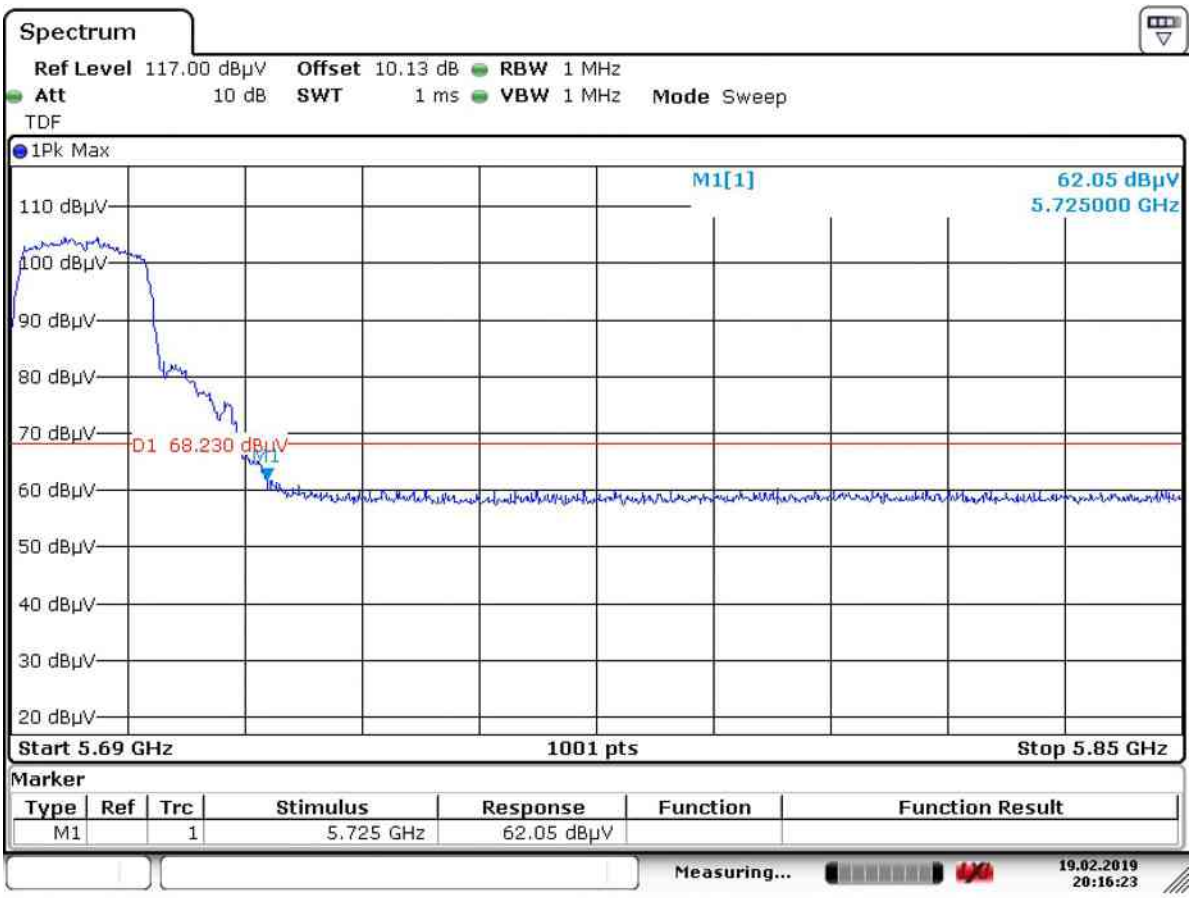


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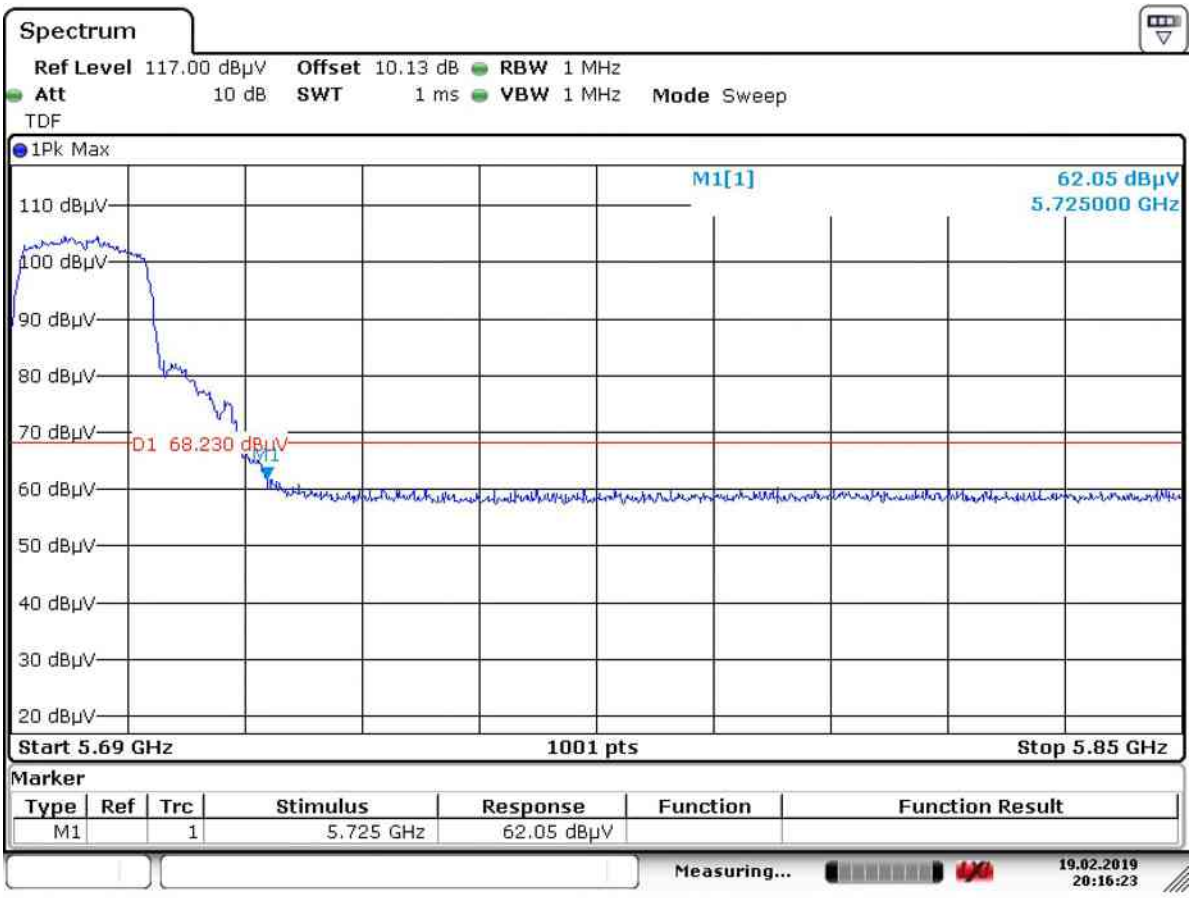
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Channel 140(Horizontal)



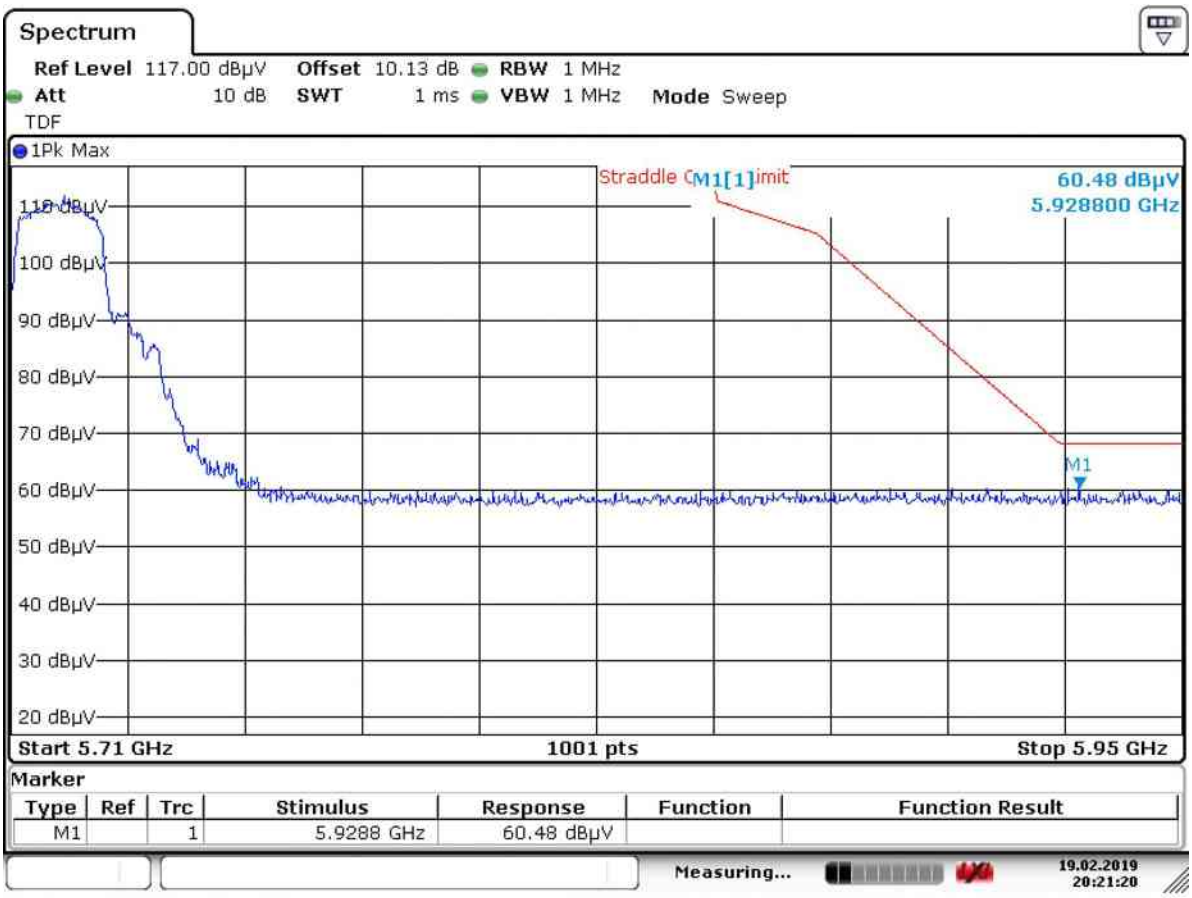
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Channel 140(Vertical)



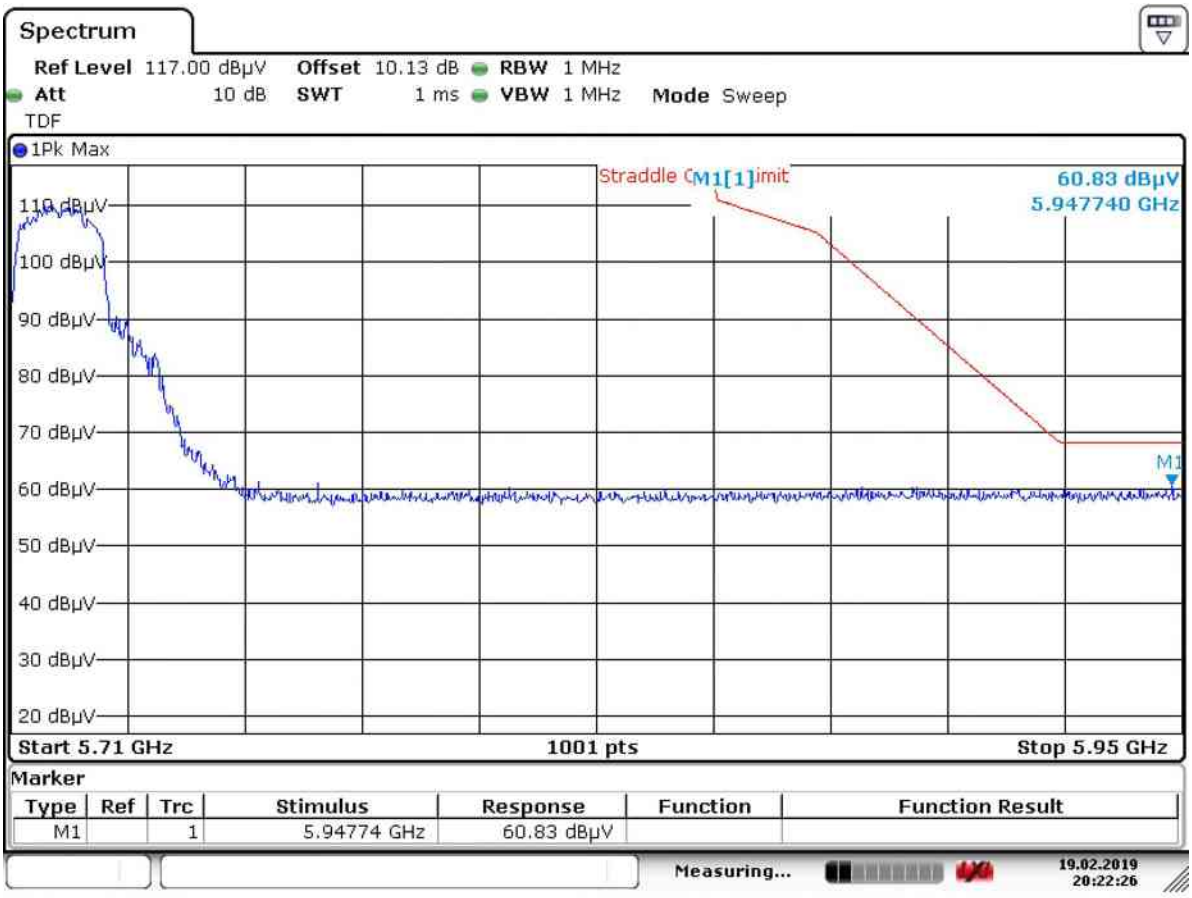
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Channel 144(Horizontal)



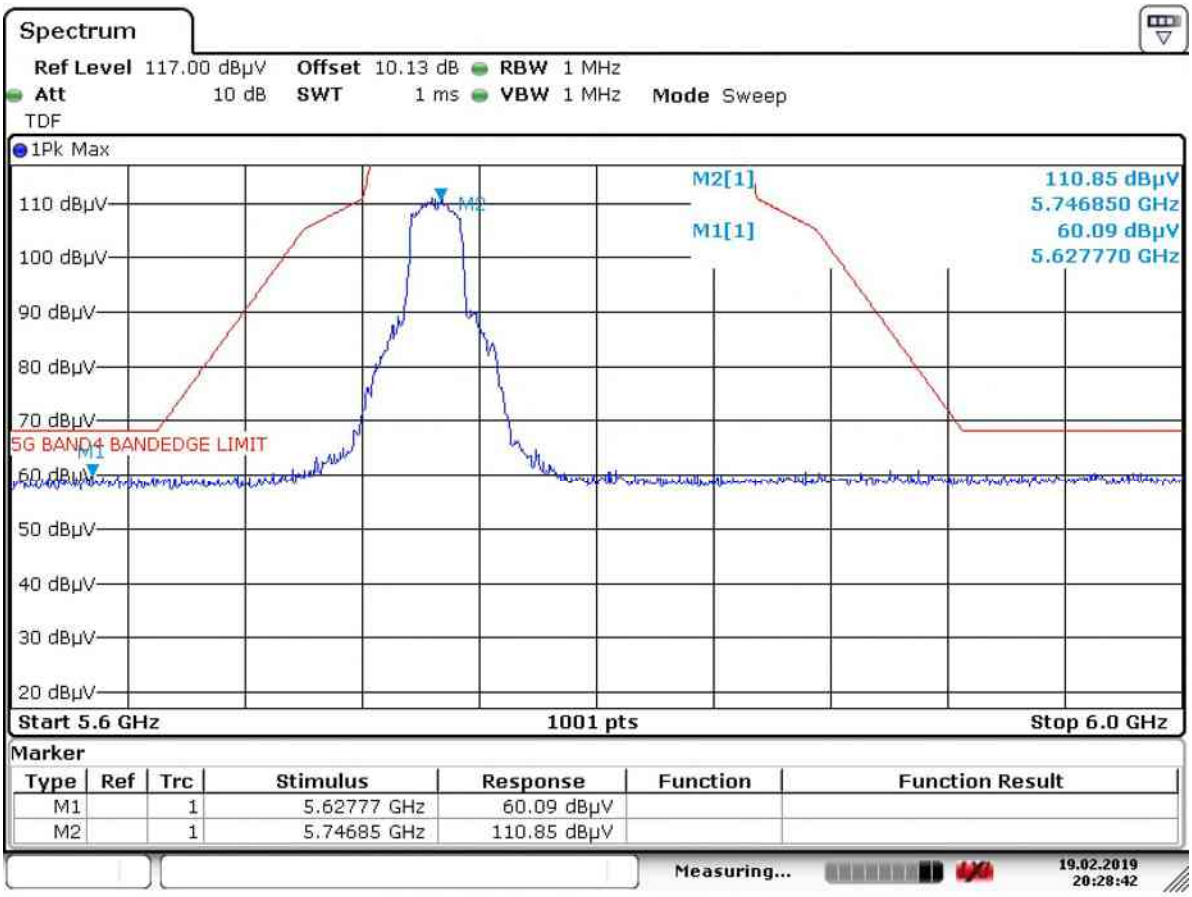
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Channel 144(Vertical)



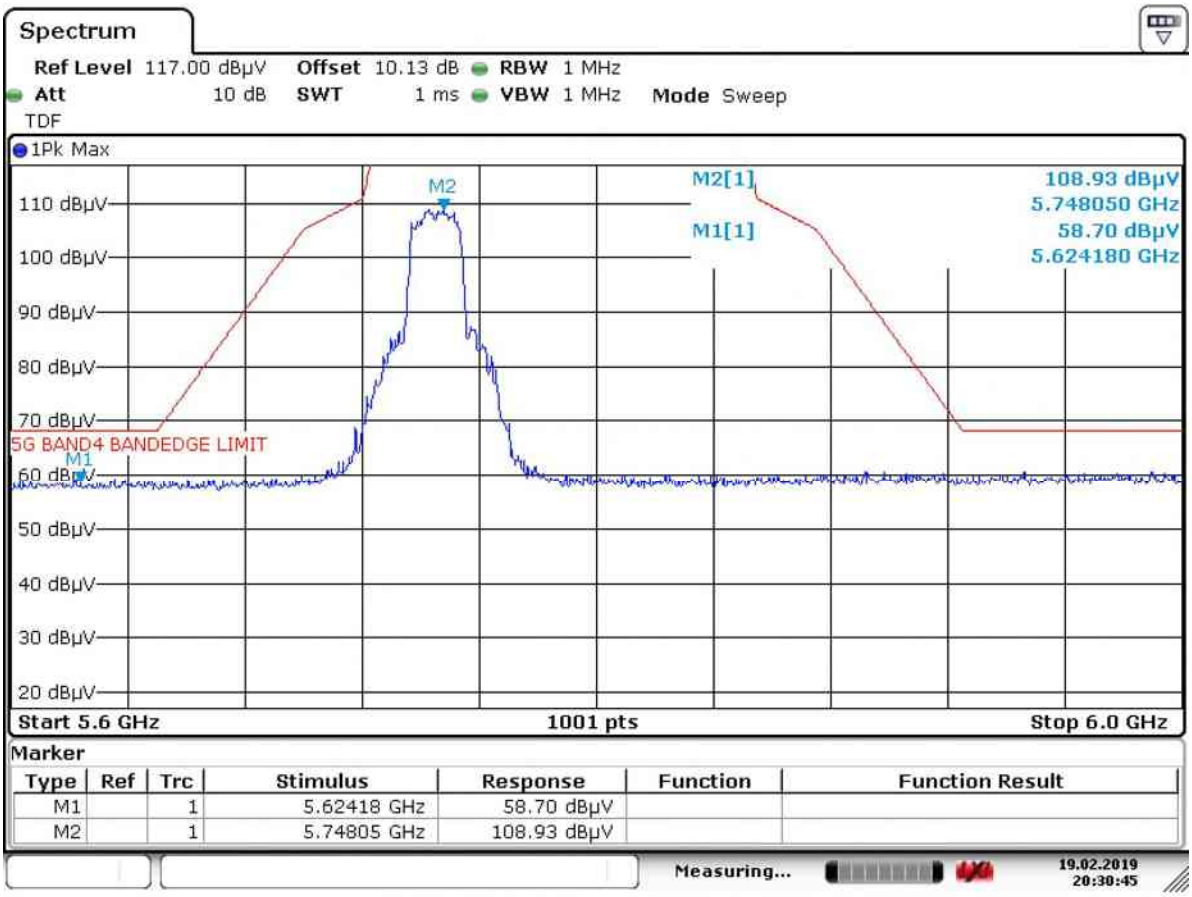
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Channel 149(Horizontal)



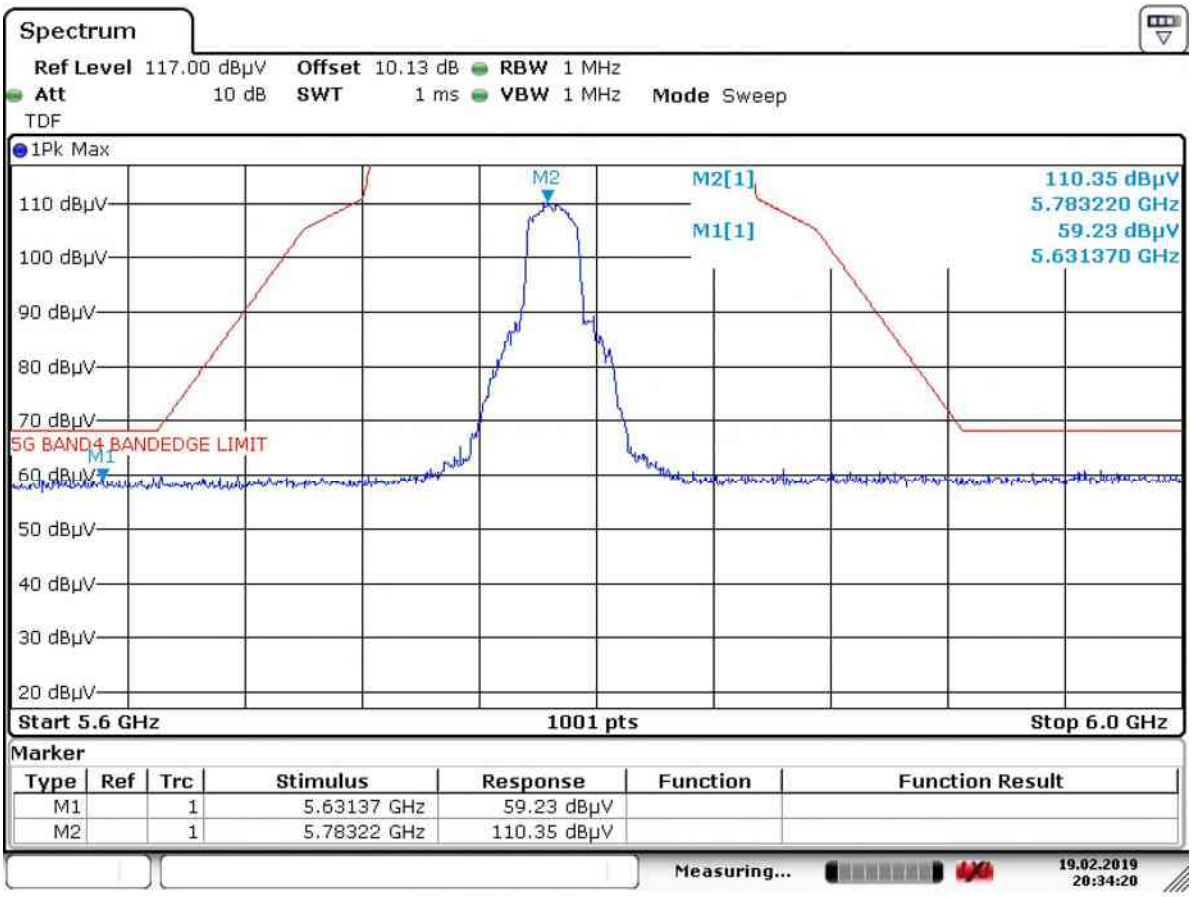
Date: 19.FEB.2019 20:28:42

Channel 149(Vertical)



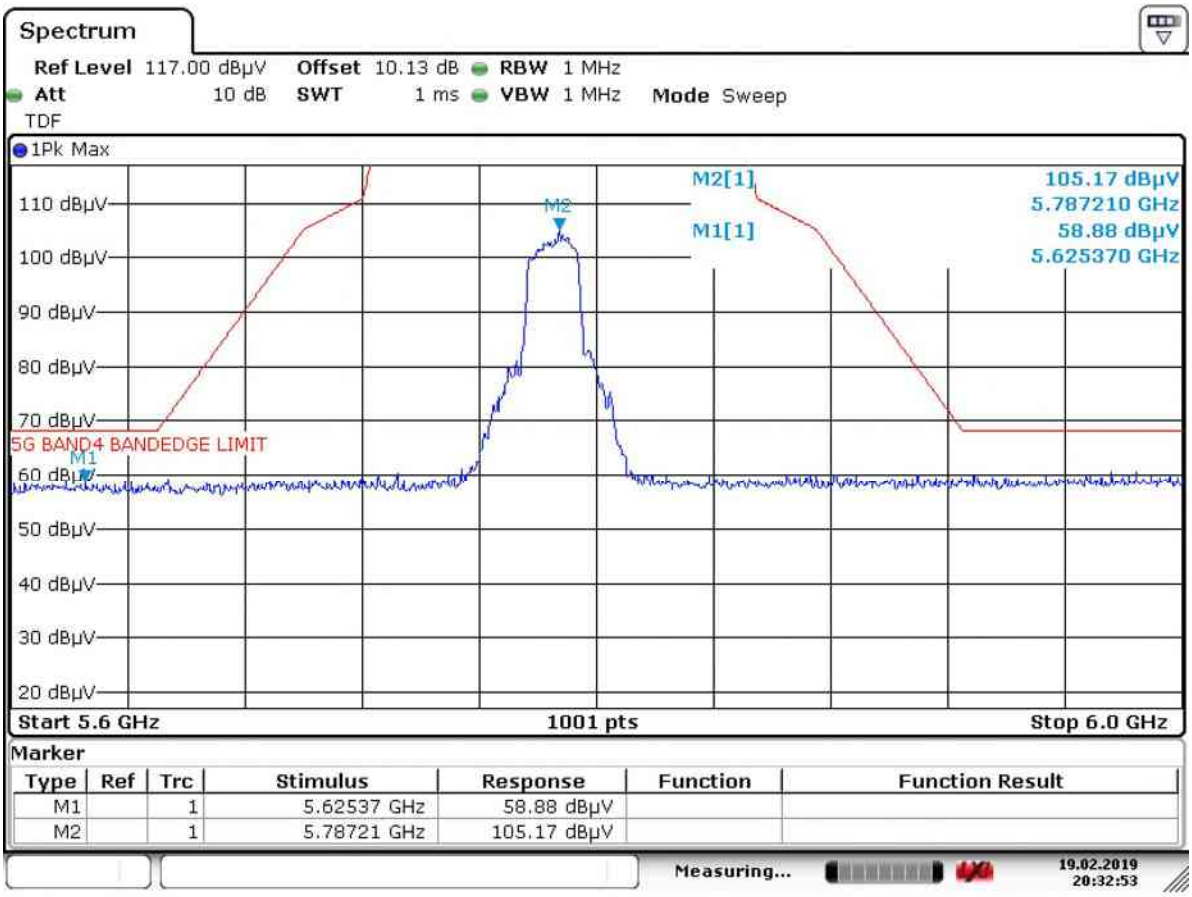
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Channel 157(Horizontal)



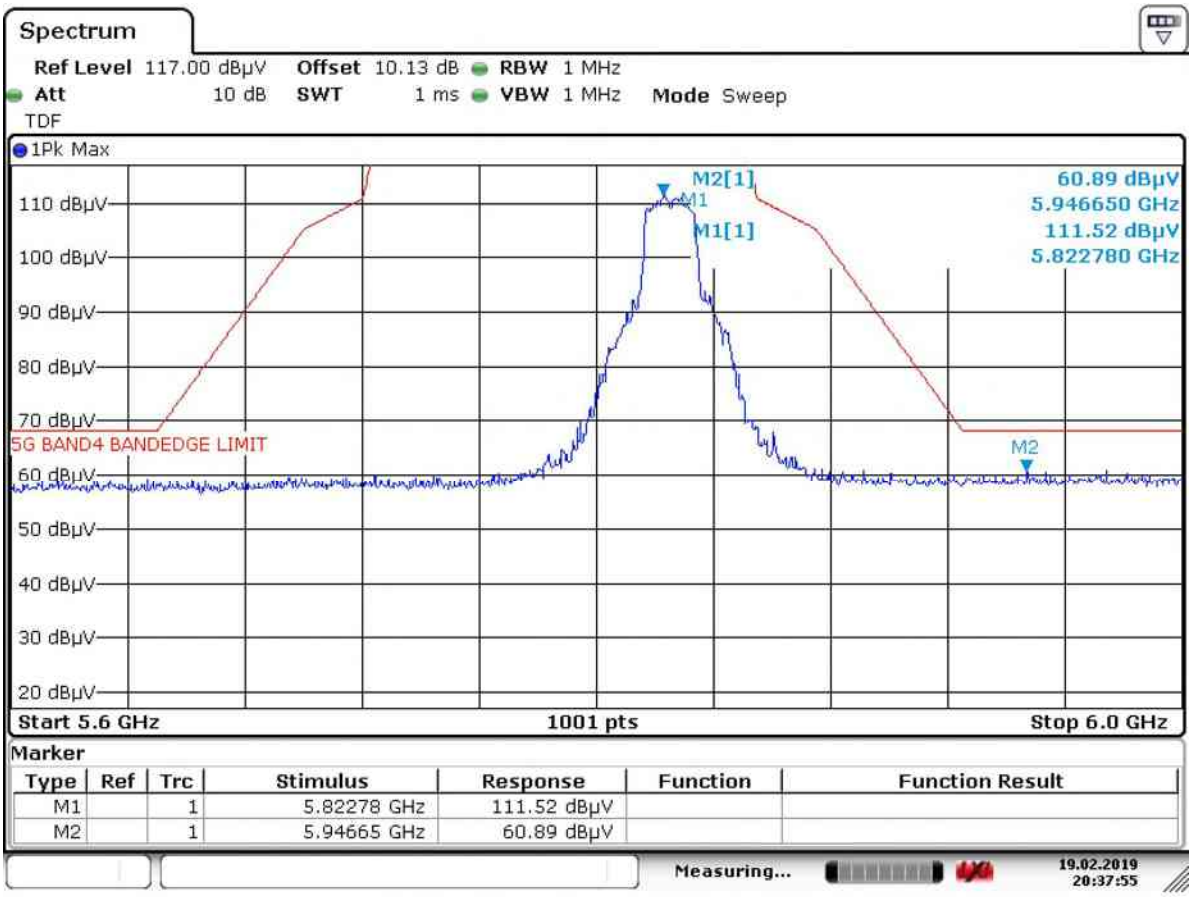
Date: 19.FEB.2019 20:34:20

Channel 157(Vertical)



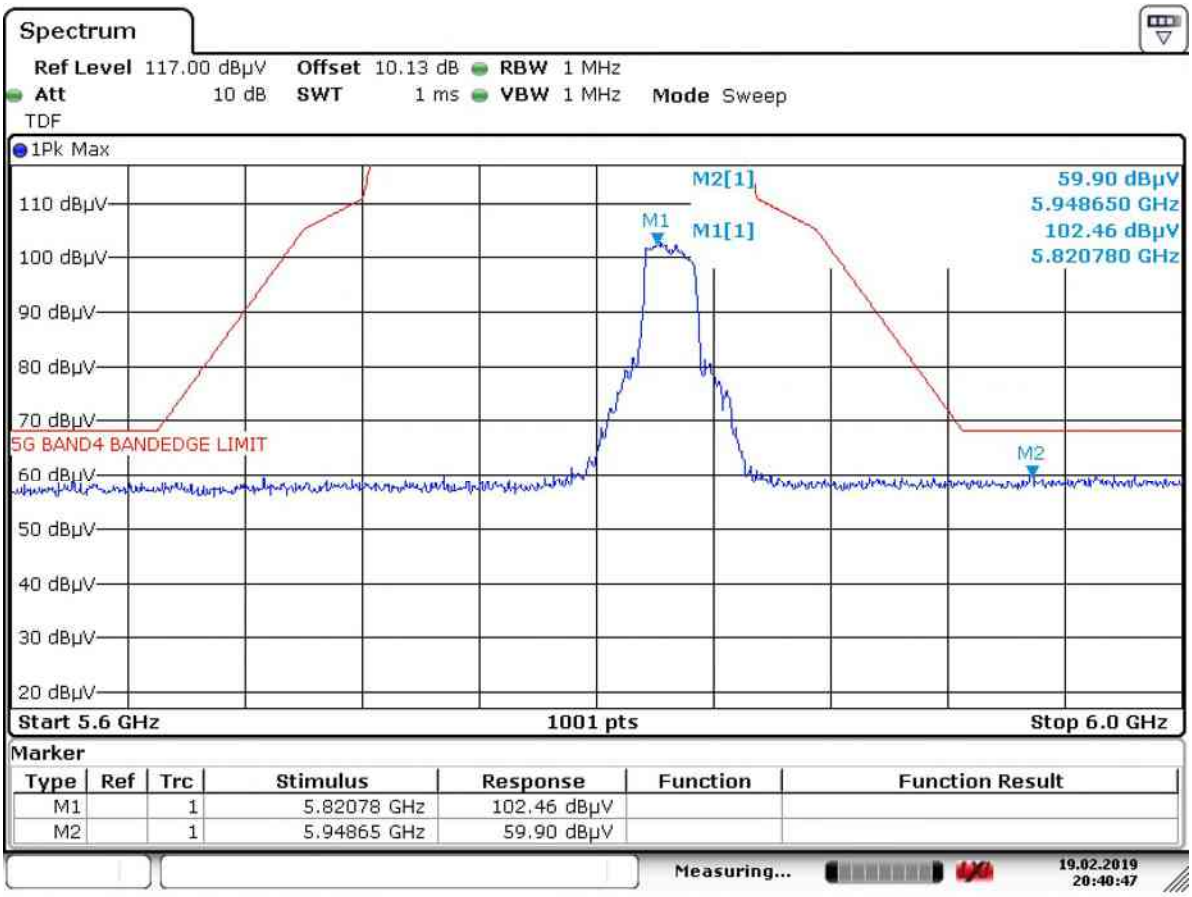
Date: 19.FEB.2019 20:32:53

Channel 165(Horizontal)



Date: 19.FEB.2019 20:37:55

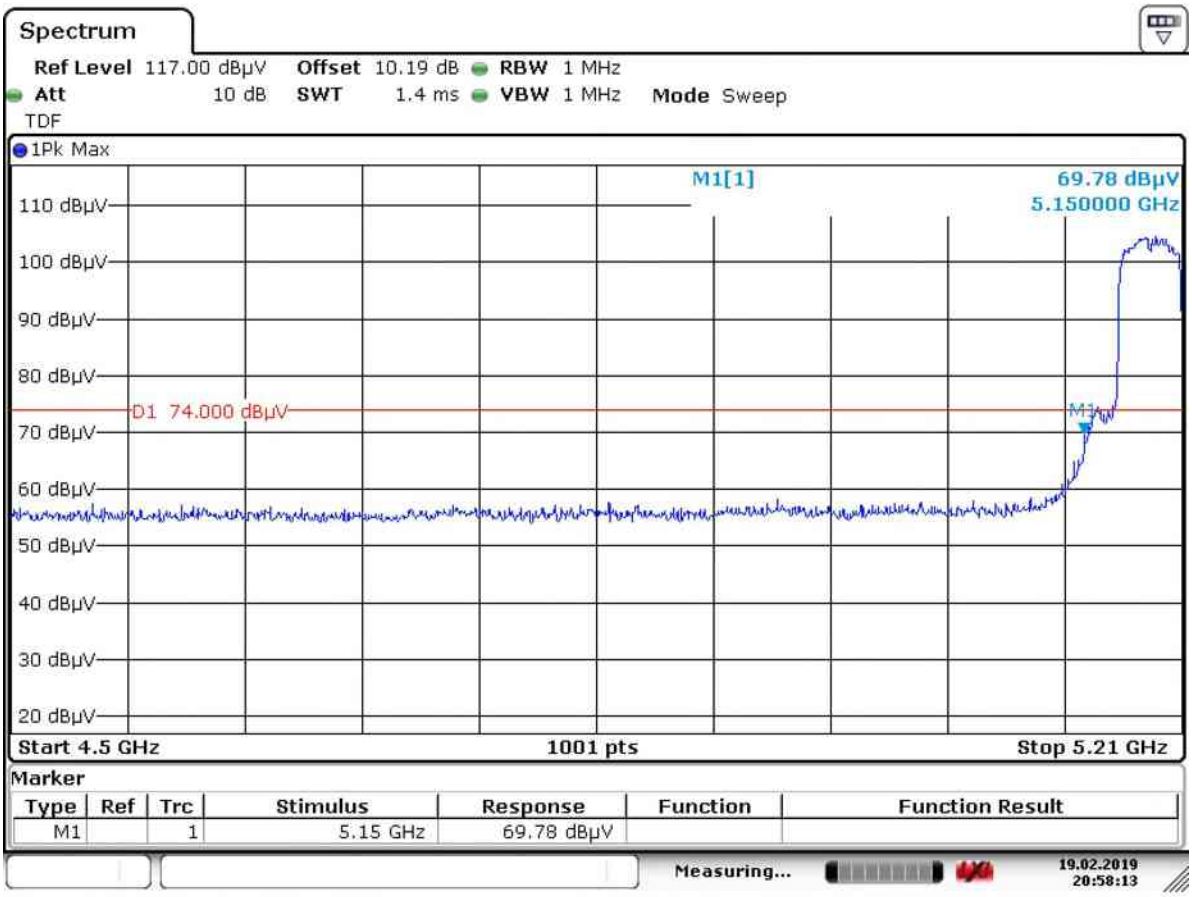
Channel 165(Vertical)



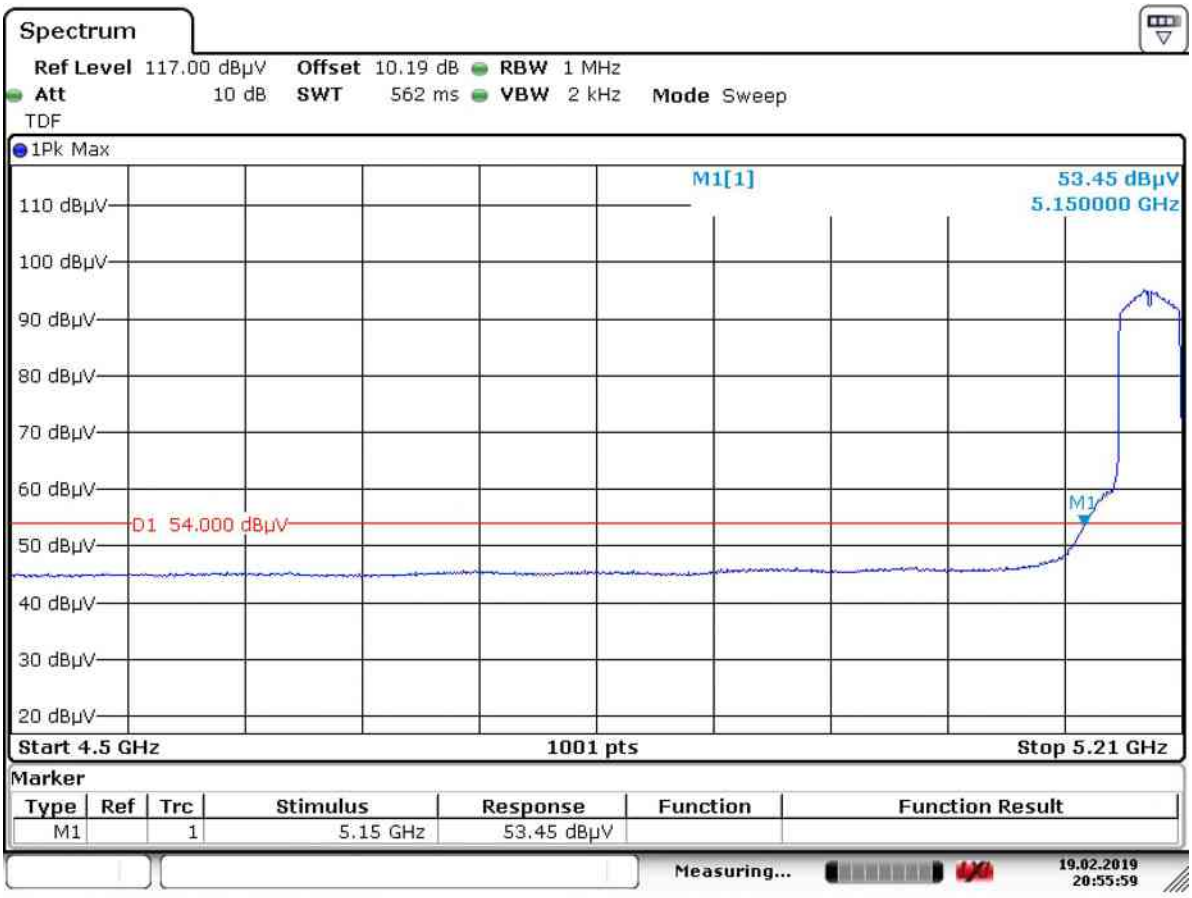
Date: 19.FEB.2019 20:40:47

802.11ac VHT40

Channel 38(Horizontal)

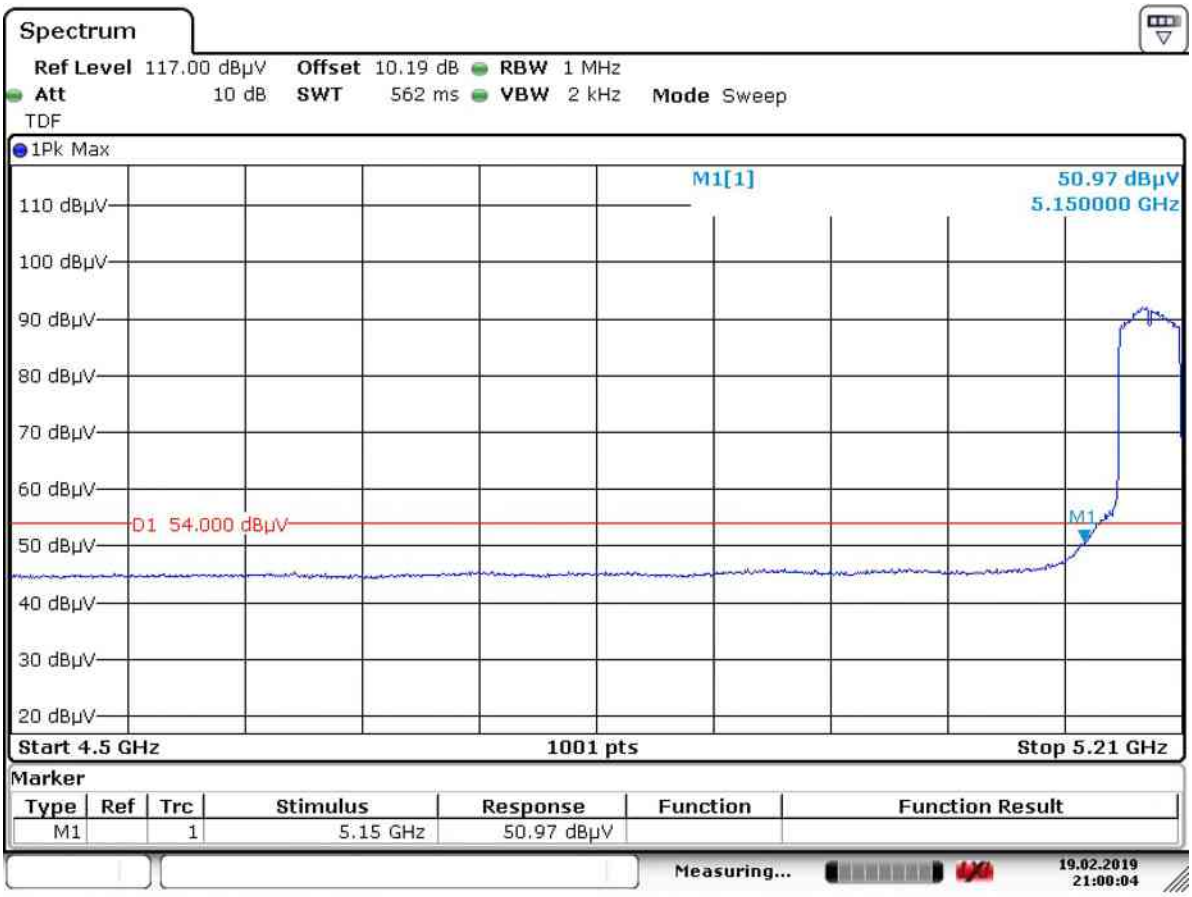


Date: 19.FEB.2019 20:58:14

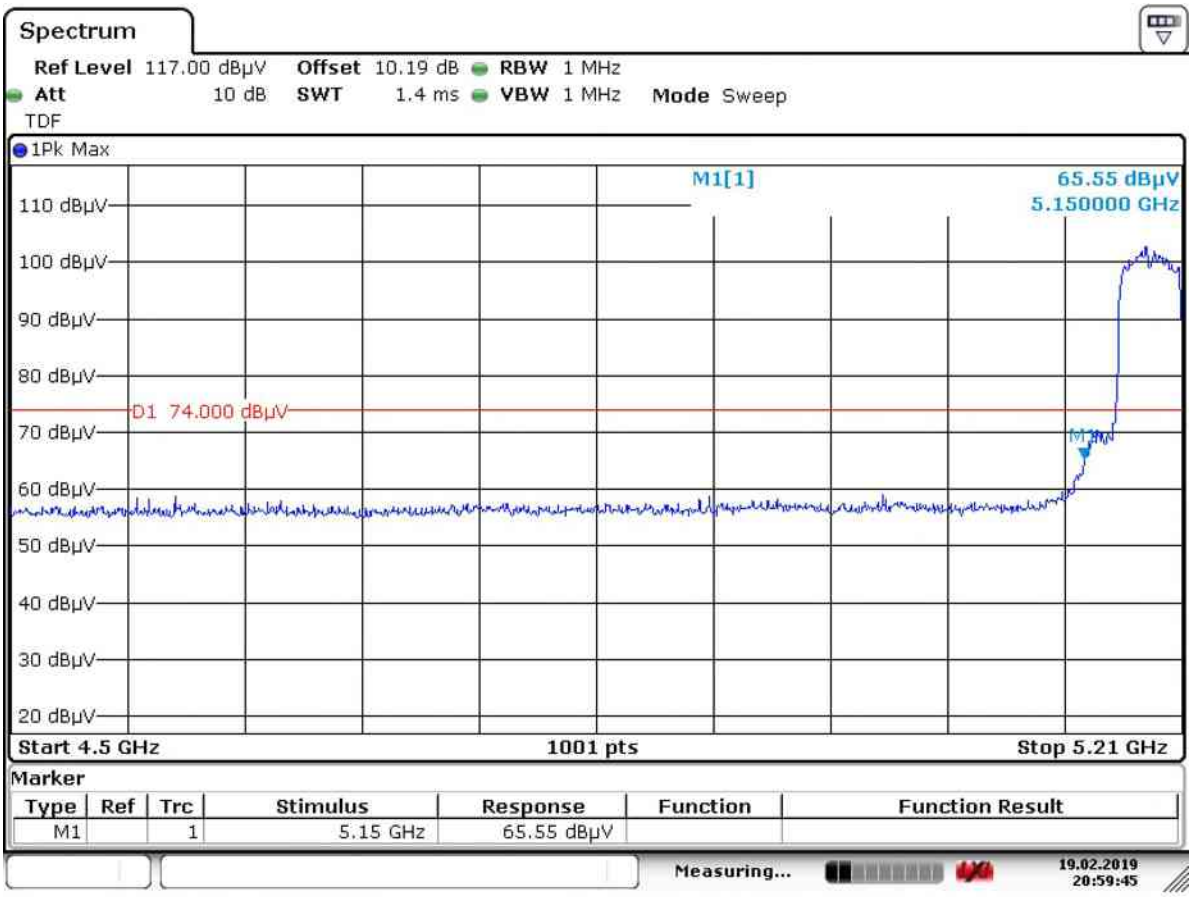


Date: 19.FEB.2019 20:55:59

Channel 38(Vertical)



Date: 19.FEB.2019 21:00:04

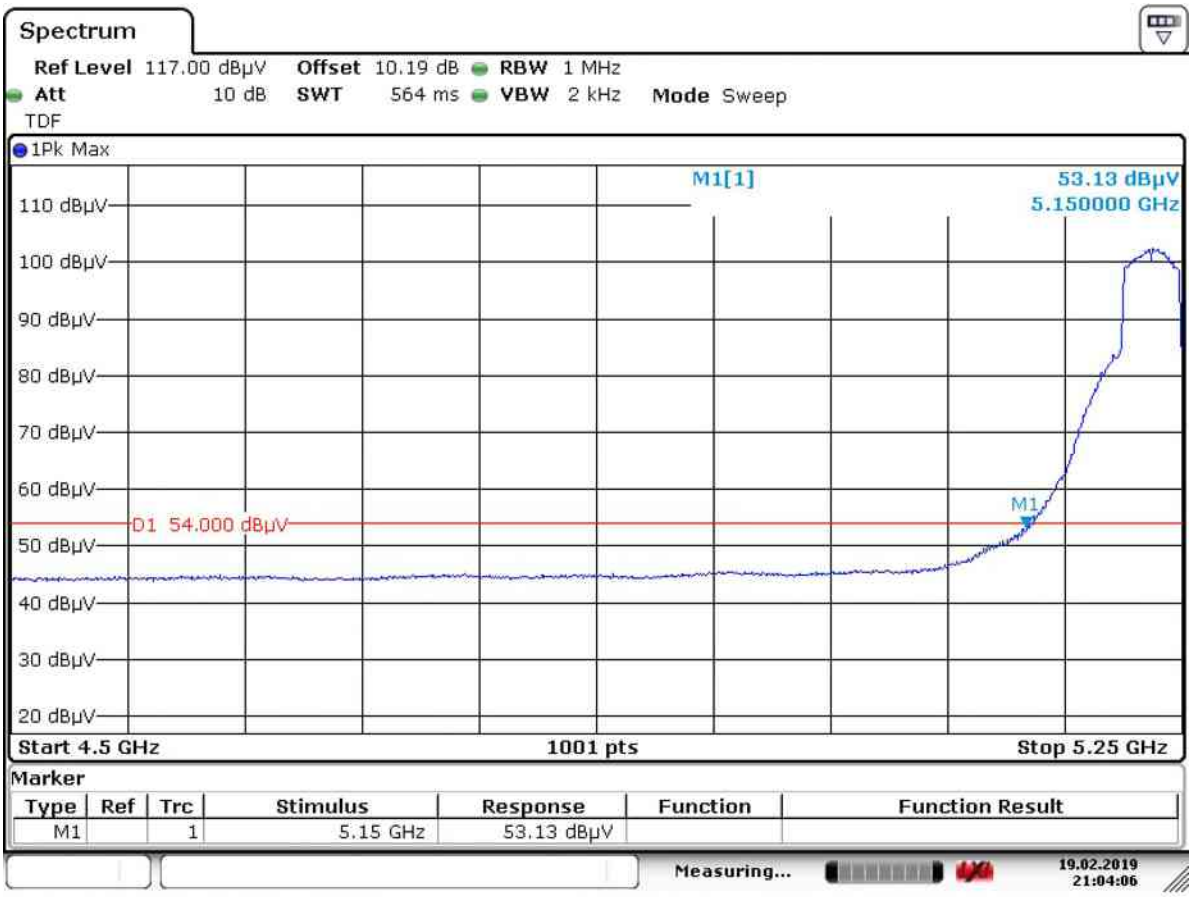


Date: 19.FEB.2019 20:59:45

Channel 46(Horizontal)

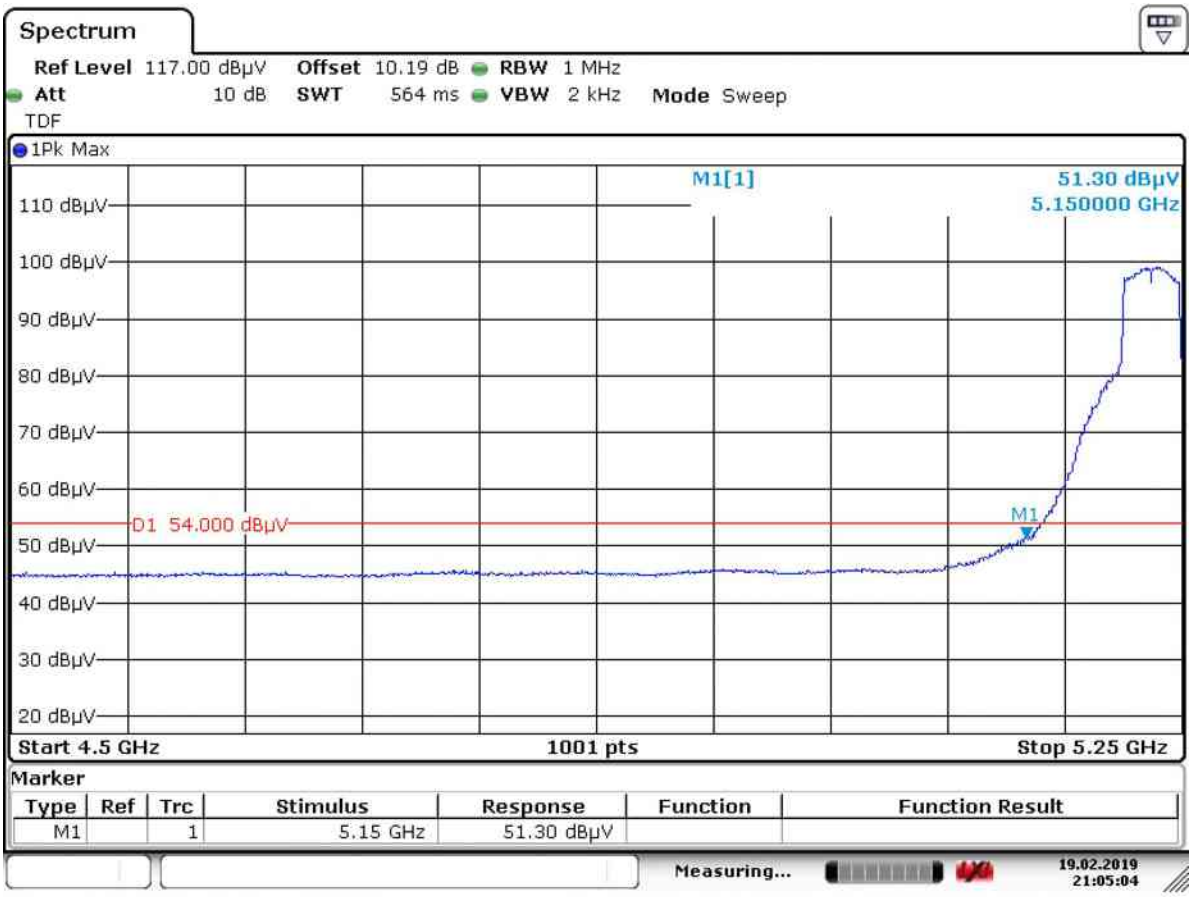


Date: 19.FEB.2019 21:03:30

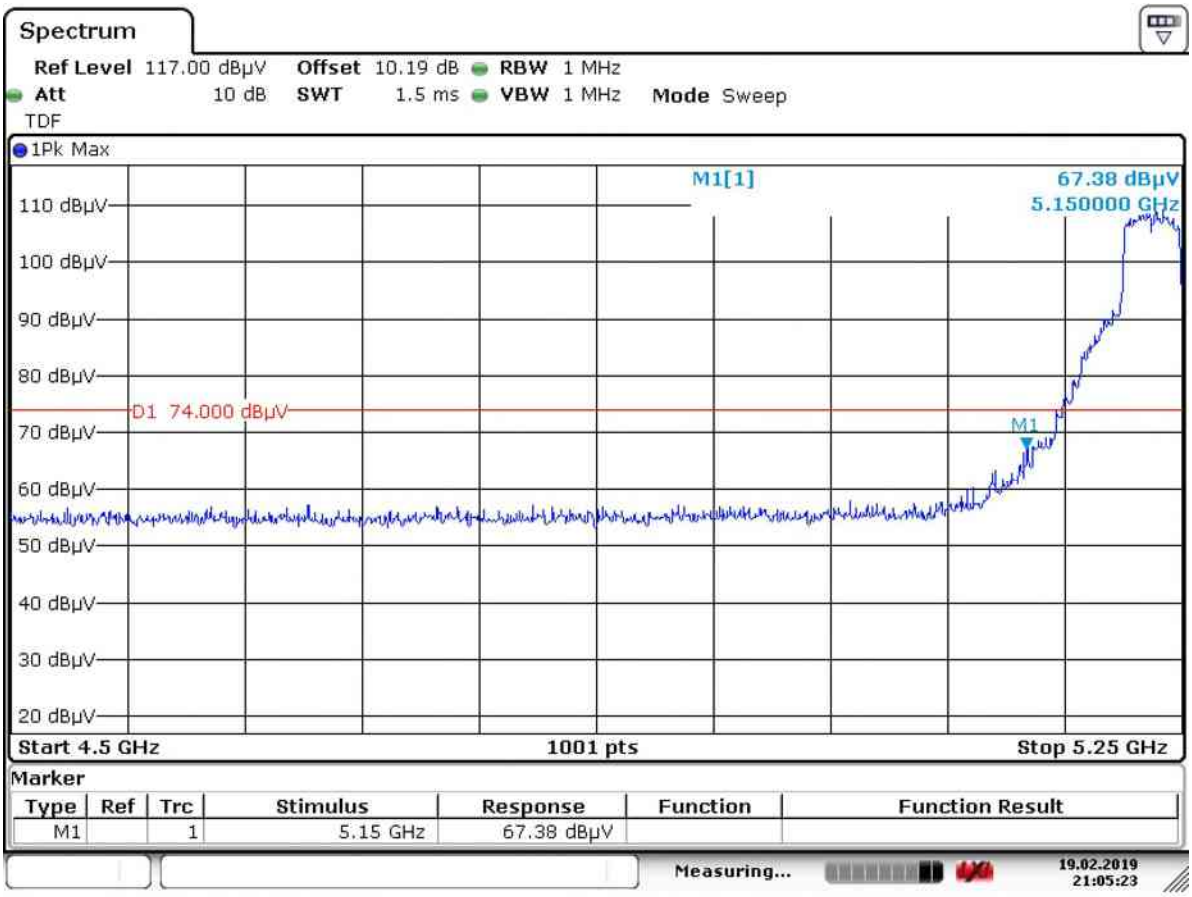


Date: 19.FEB.2019 21:04:06

Channel 46(Vertical)

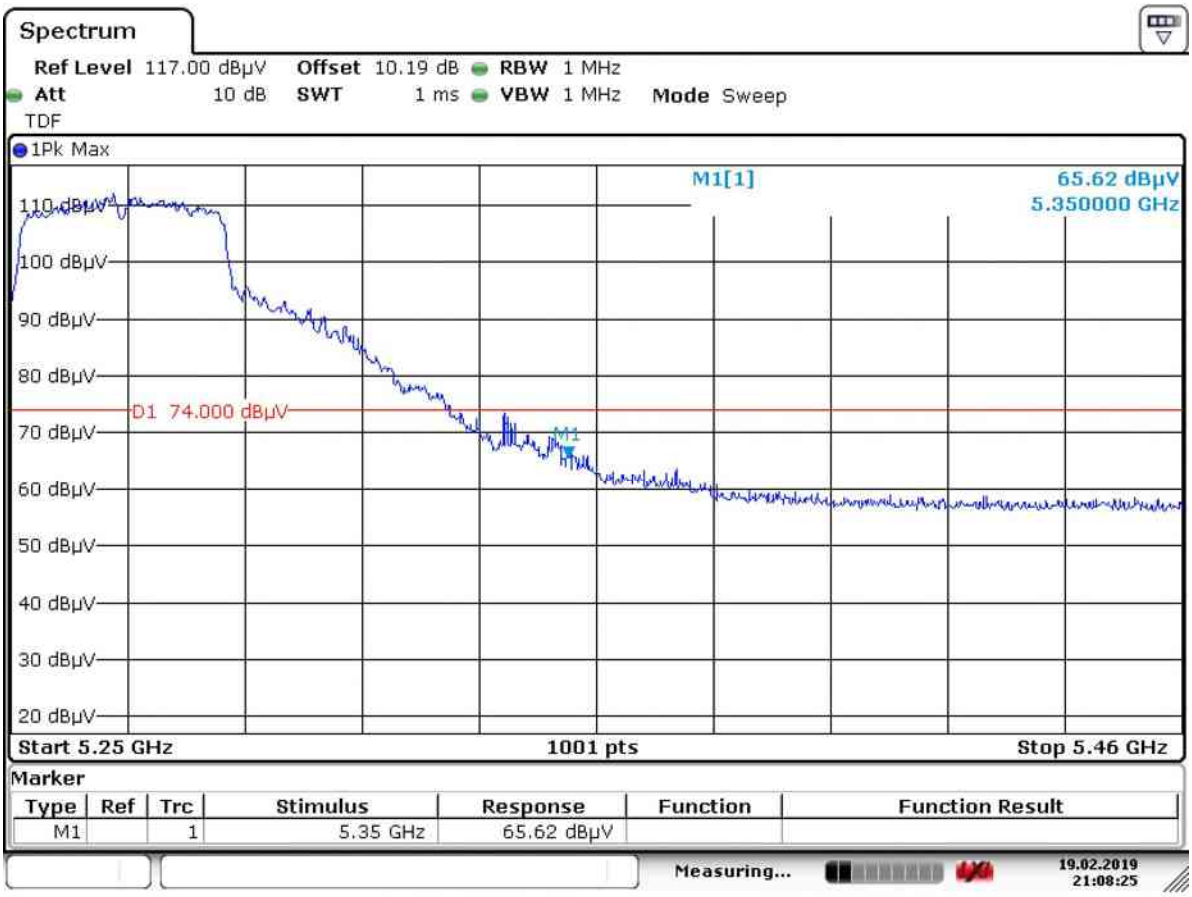


Date: 19.FEB.2019 21:05:04

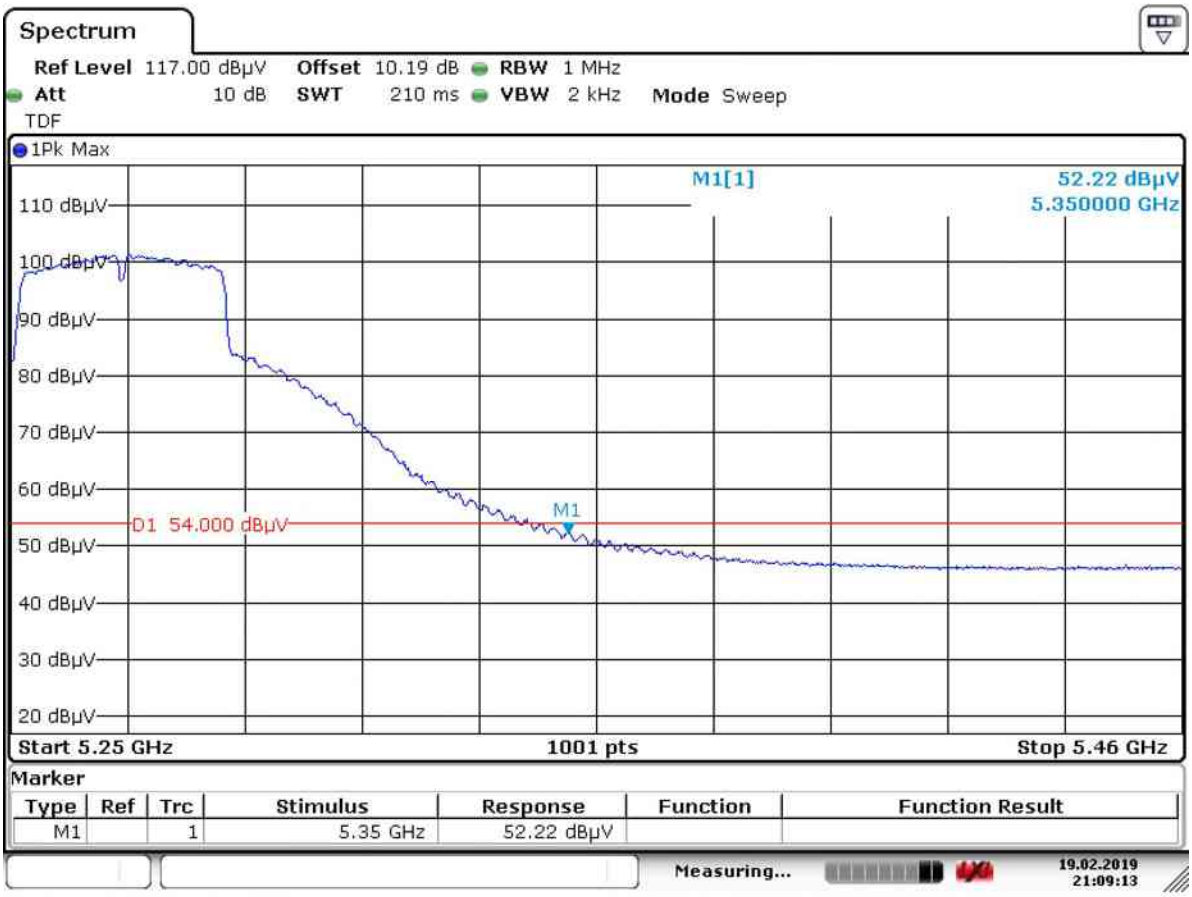


Date: 19.FEB.2019 21:05:23

Channel 54(Horizontal)

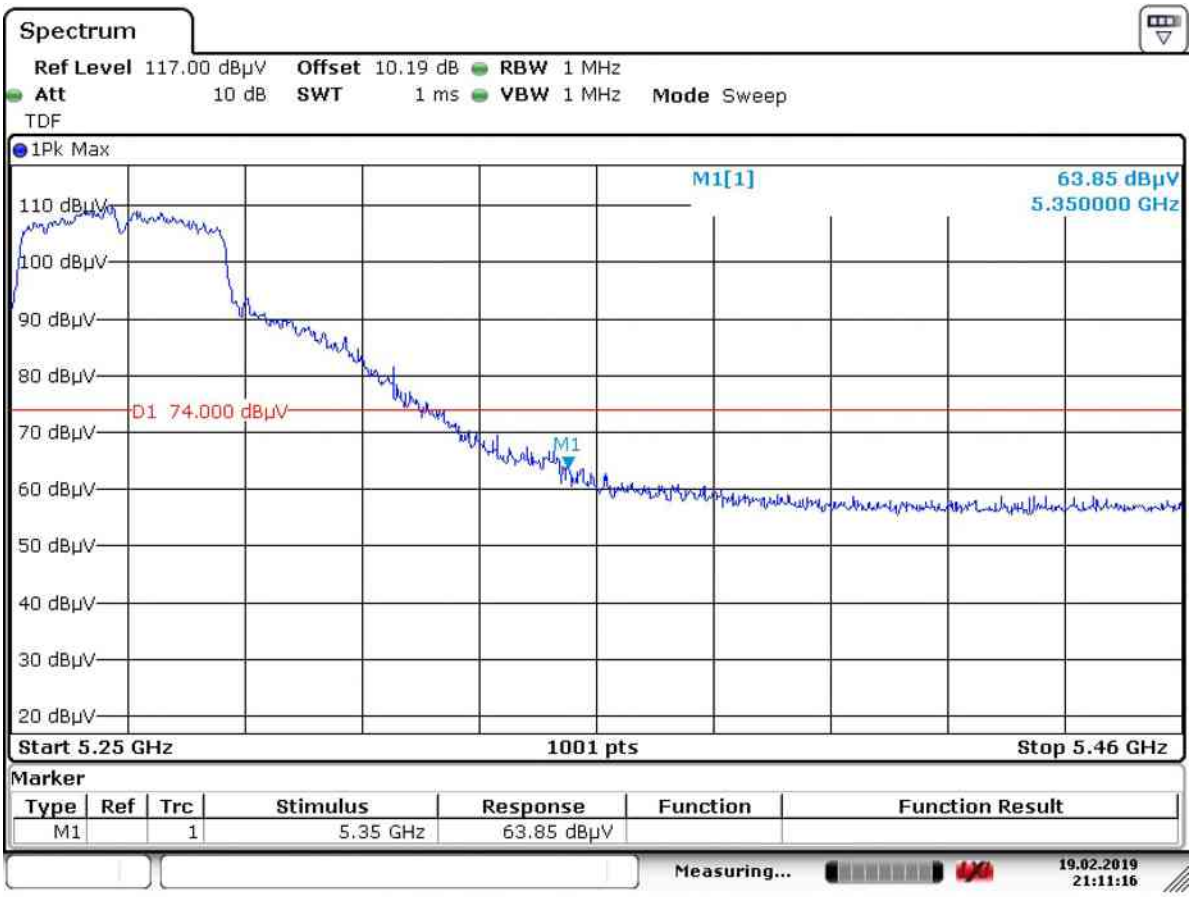


Date: 19.FEB.2019 21:08:25

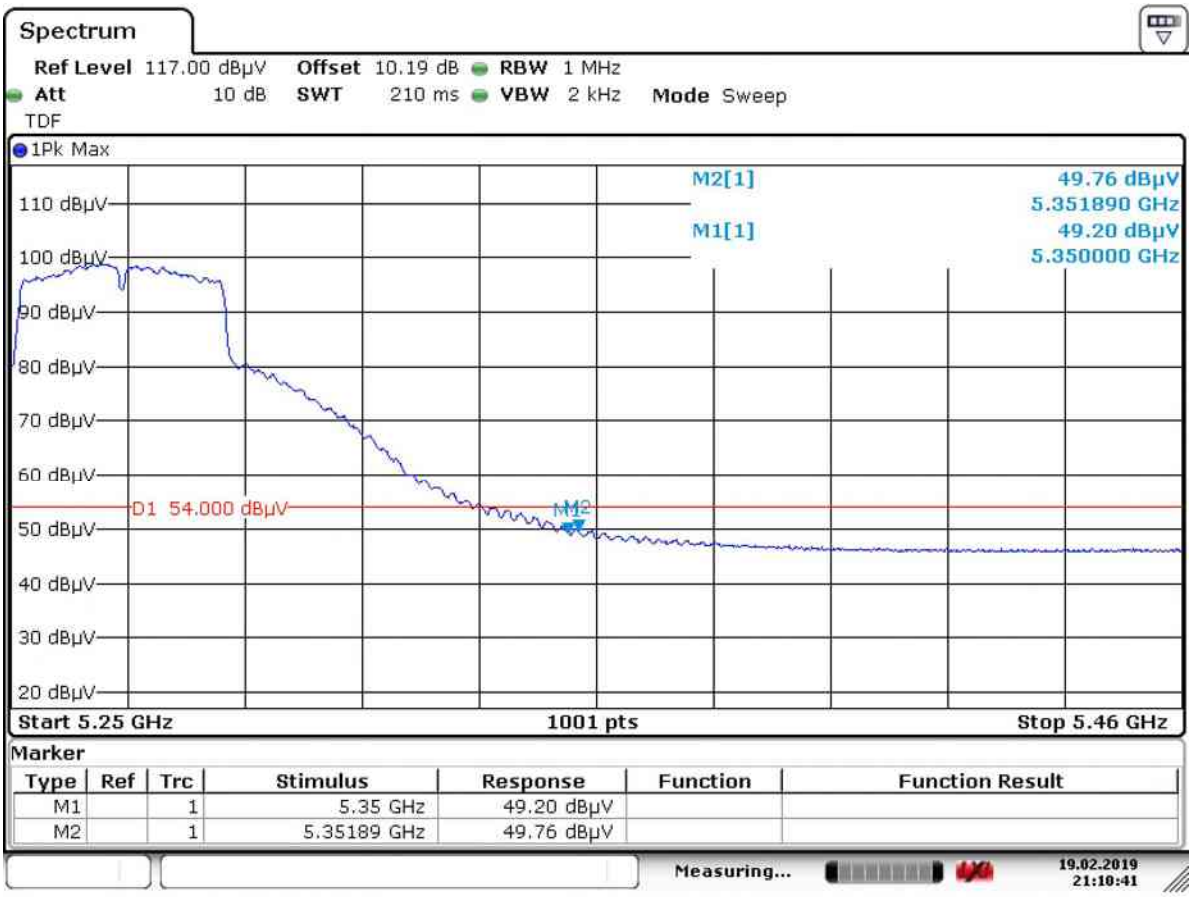


Date: 19.FEB.2019 21:09:13

Channel 54(Vertical)

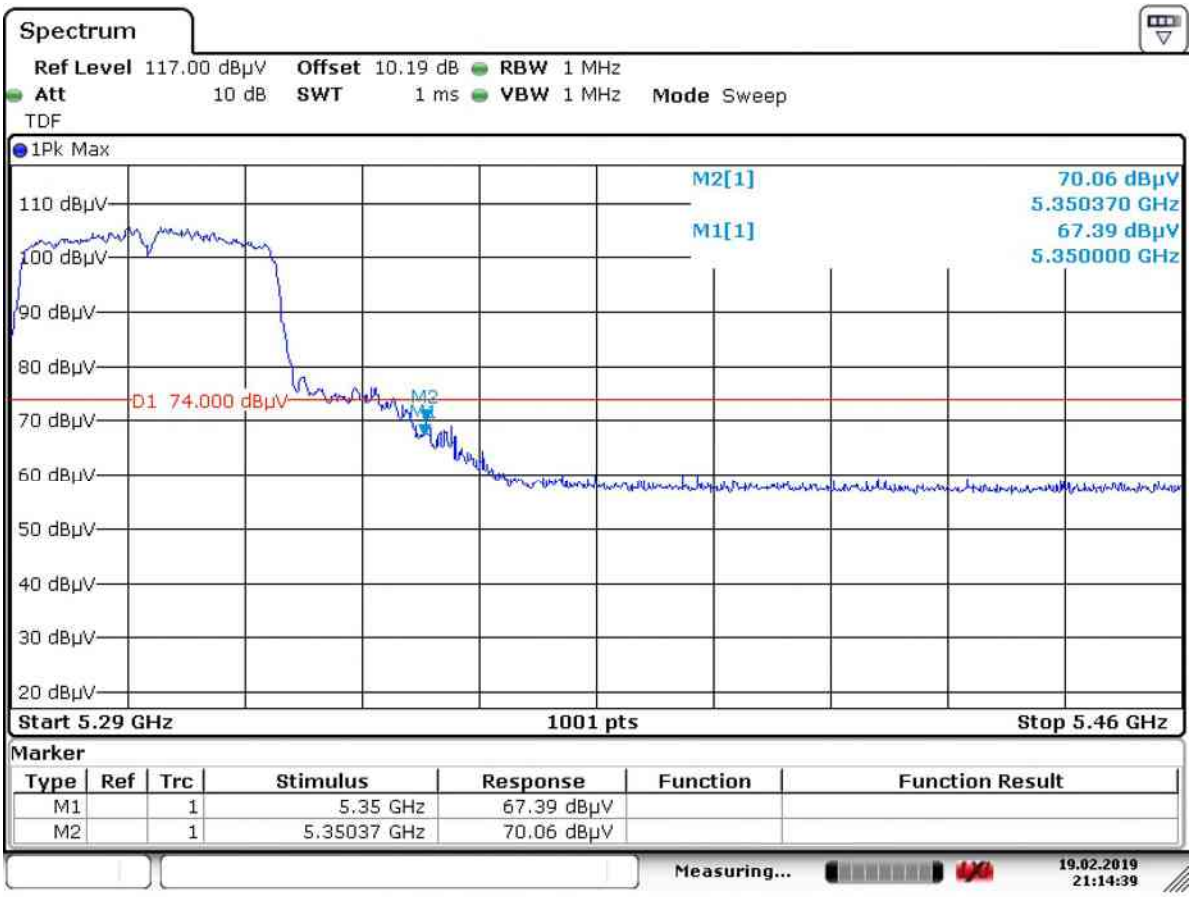


Date: 19.FEB.2019 21:11:16

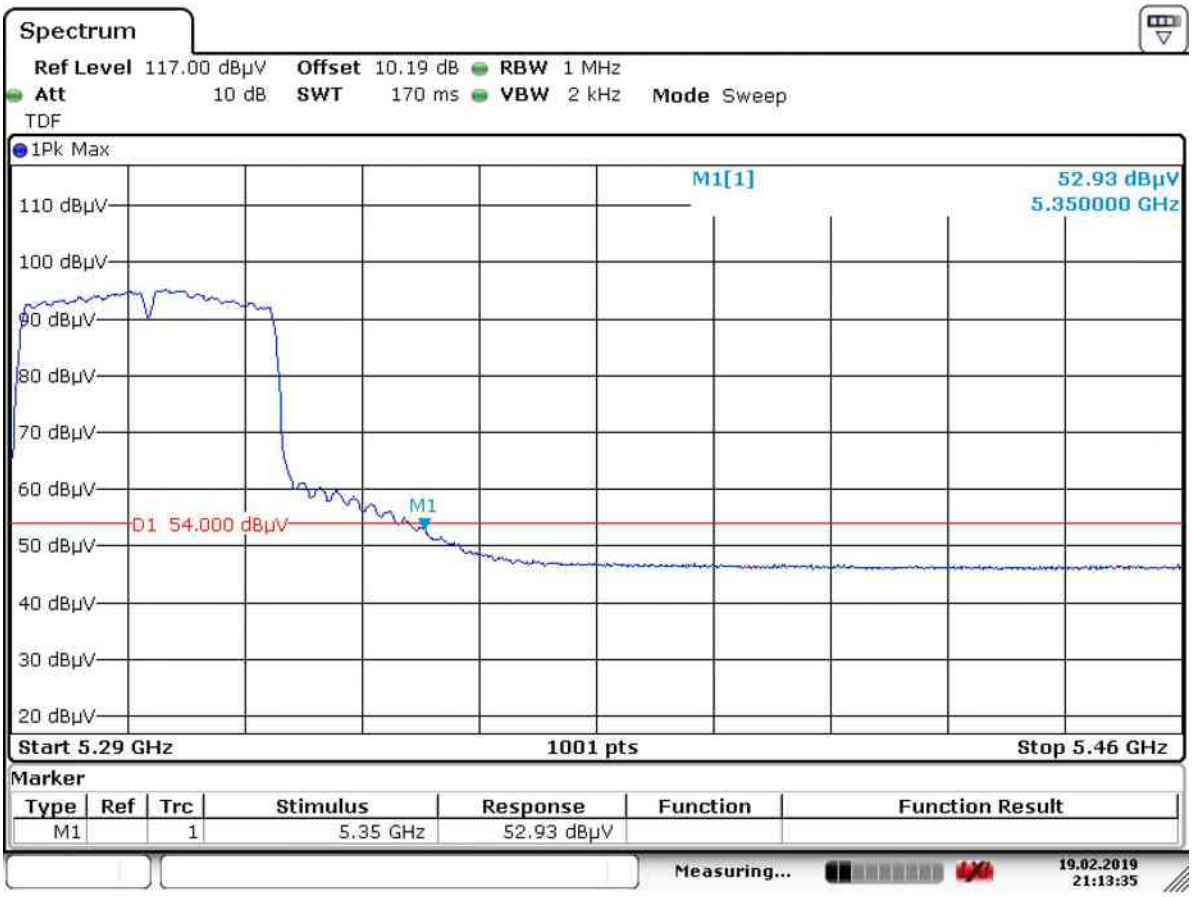


Date: 19.FEB.2019 21:10:41

Channel 62(Horizontal)

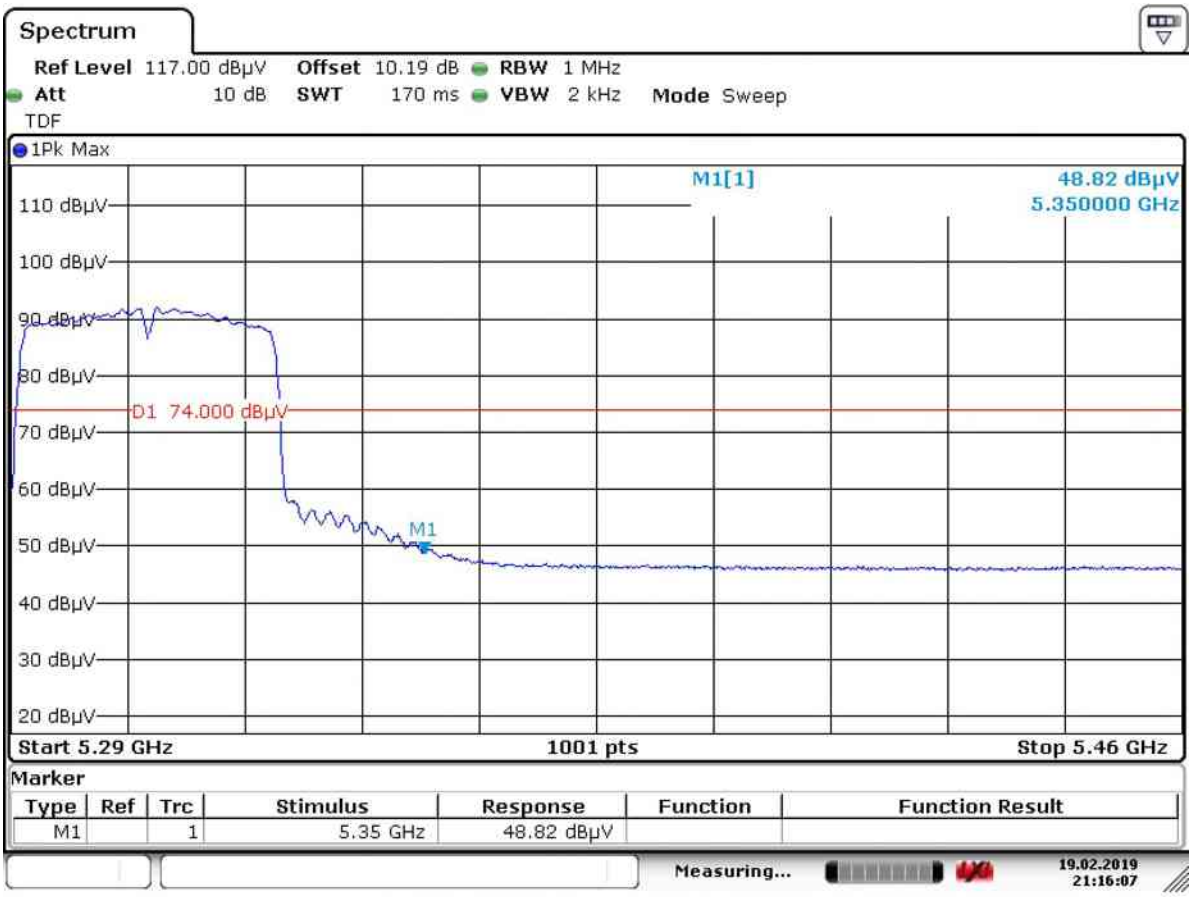


Date: 19.FEB.2019 21:14:39

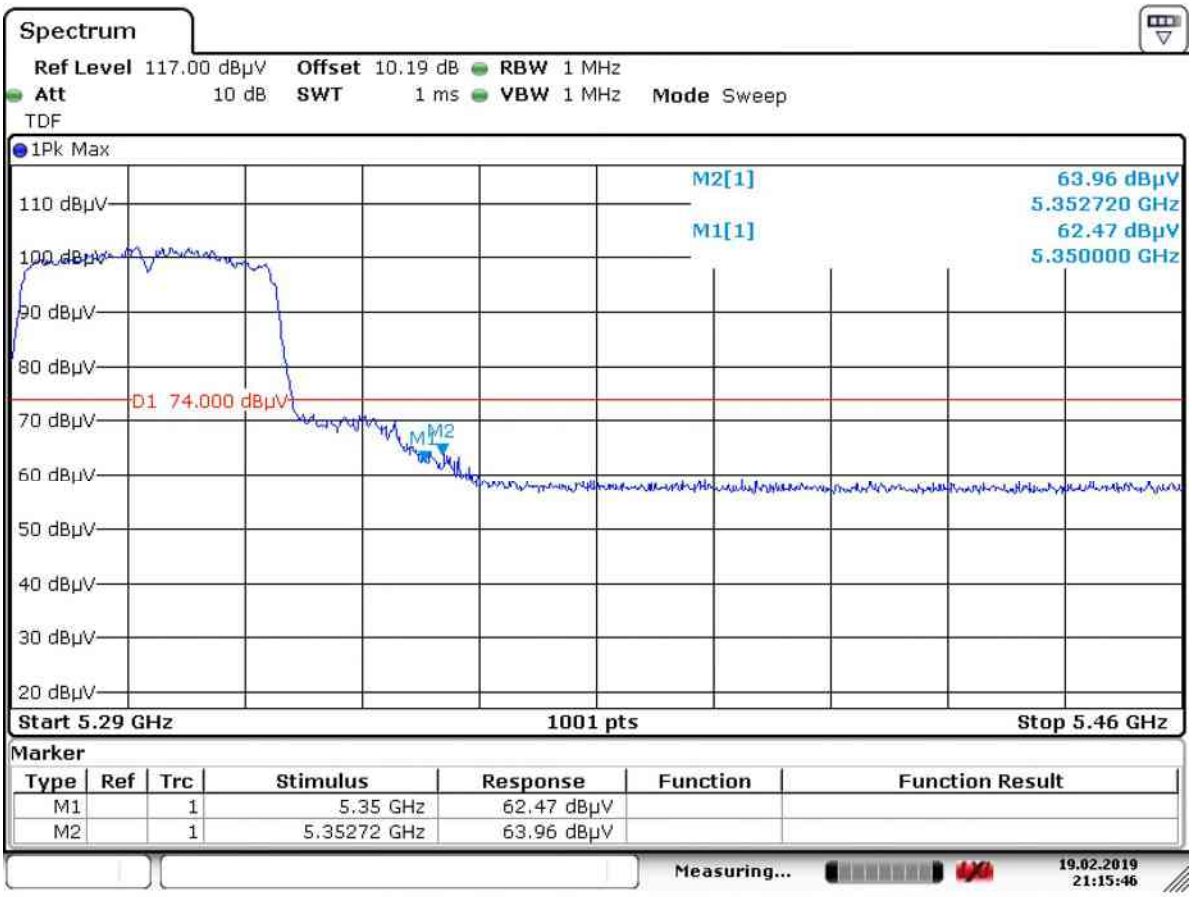


Date: 19.FEB.2019 21:13:35

Channel 62(Vertical)

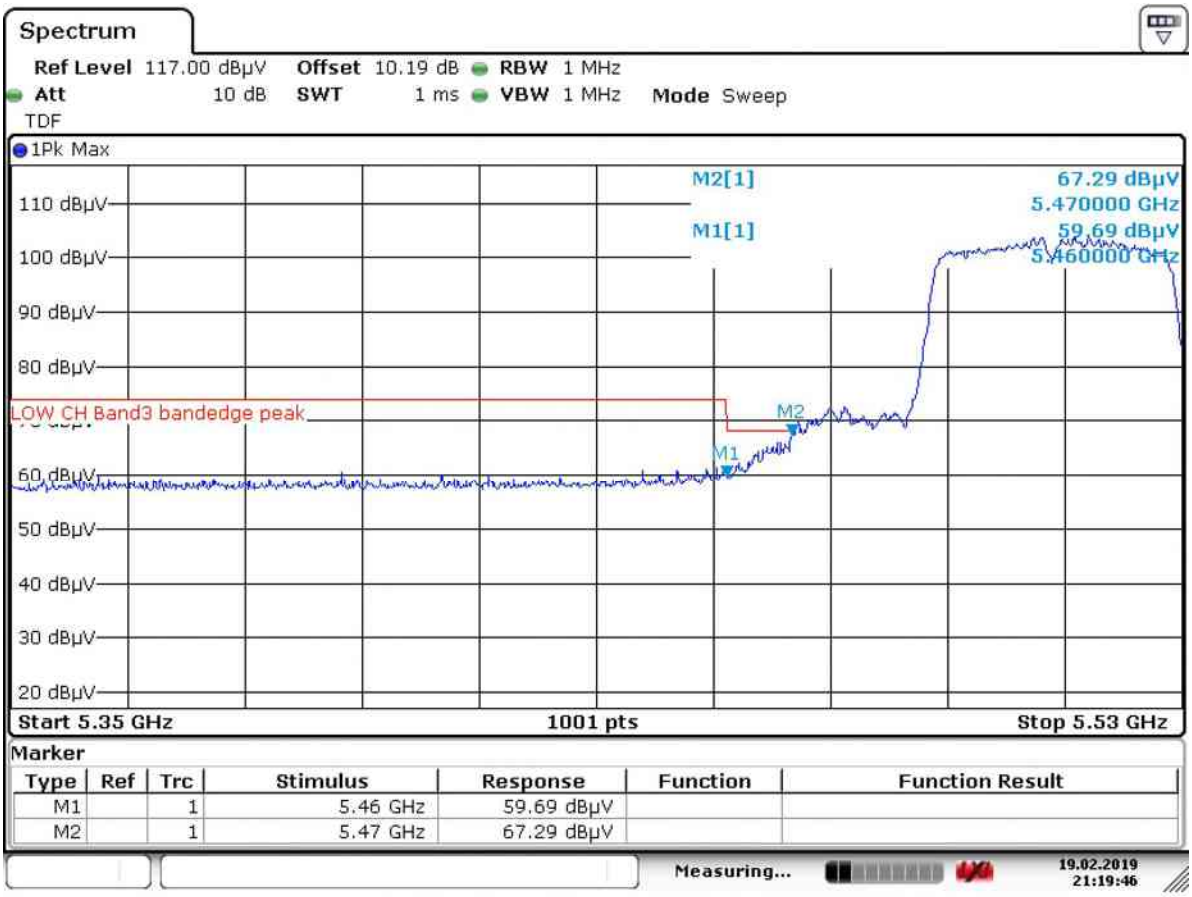


Date: 19.FEB.2019 21:16:07

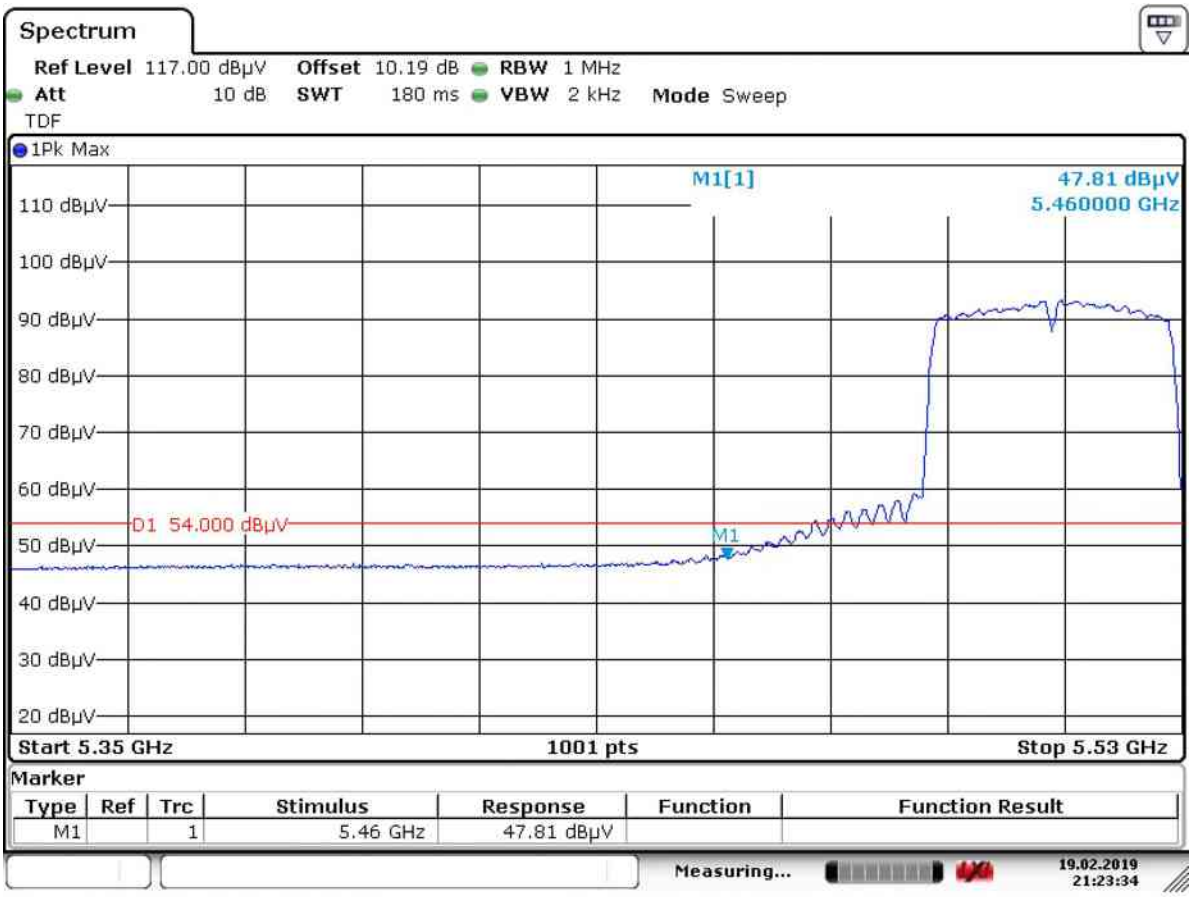


Date: 19.FEB.2019 21:15:46

Channel 102(Horizontal)

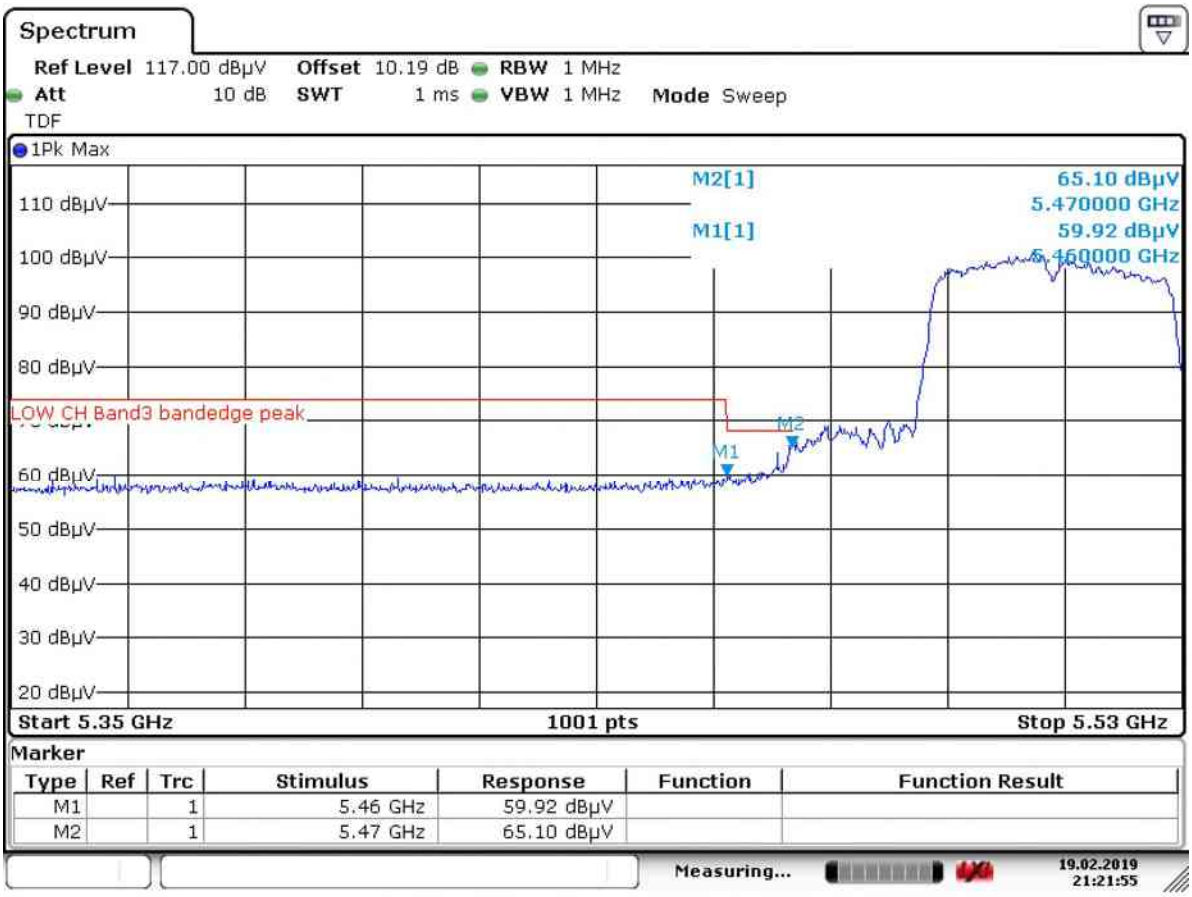


Date: 19.FEB.2019 21:19:46

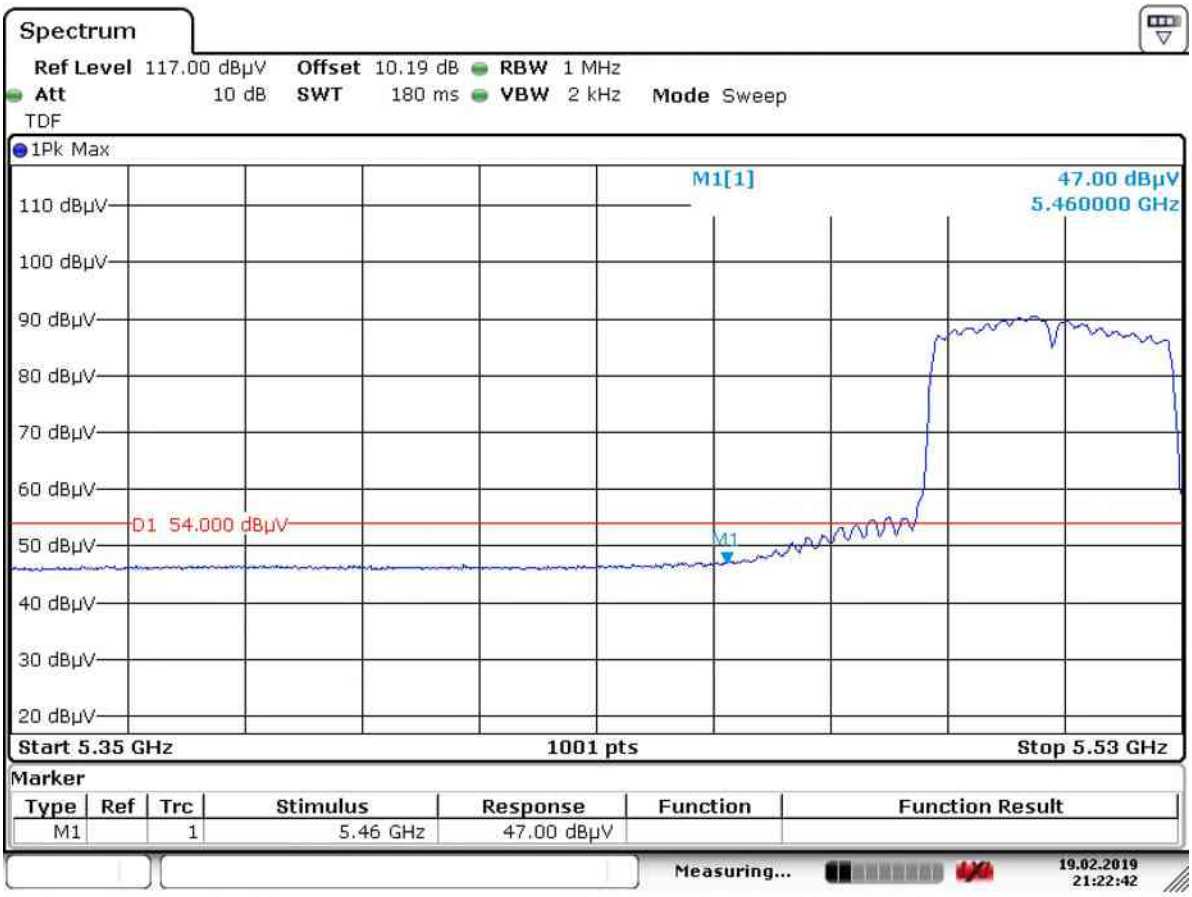


Date: 19.FEB.2019 21:23:34

Channel 102(Vertical)

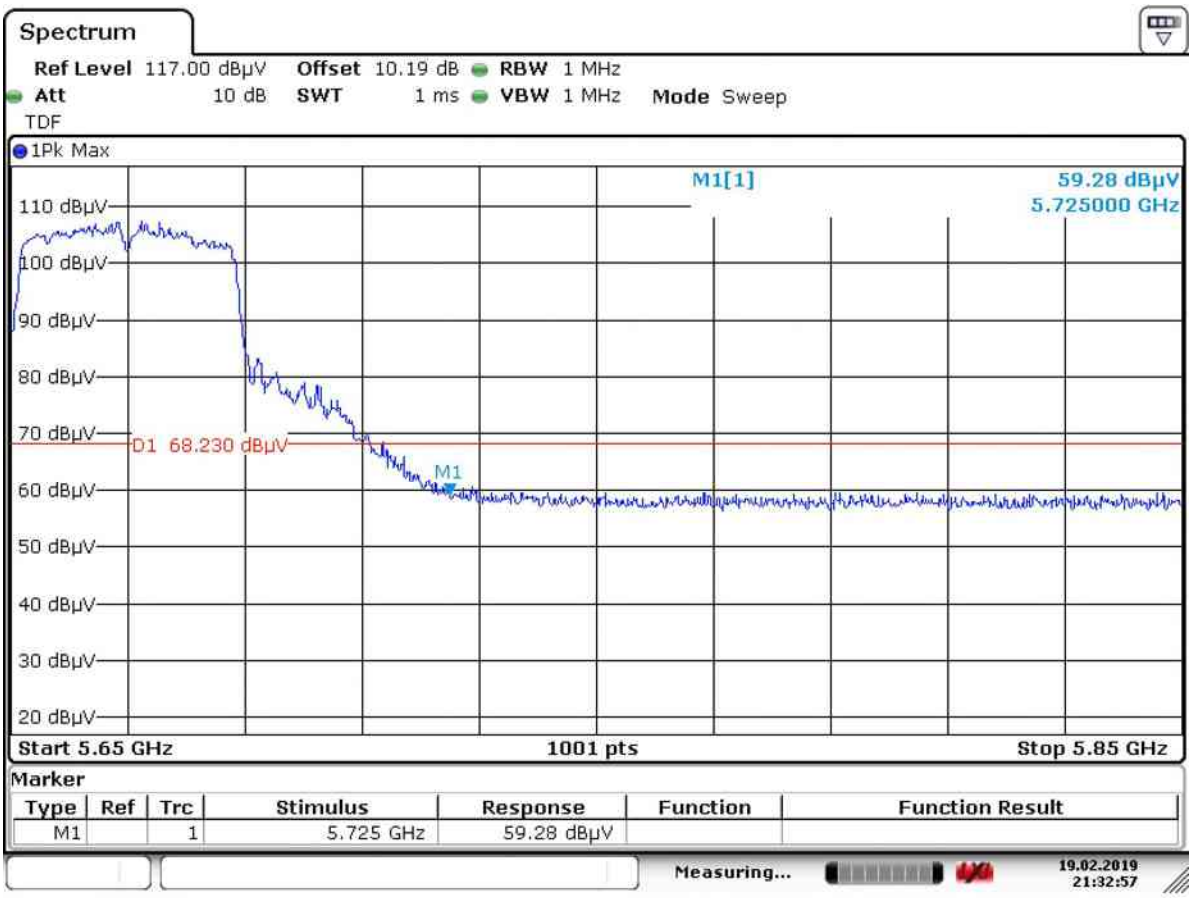


Date: 19.FEB.2019 21:21:55



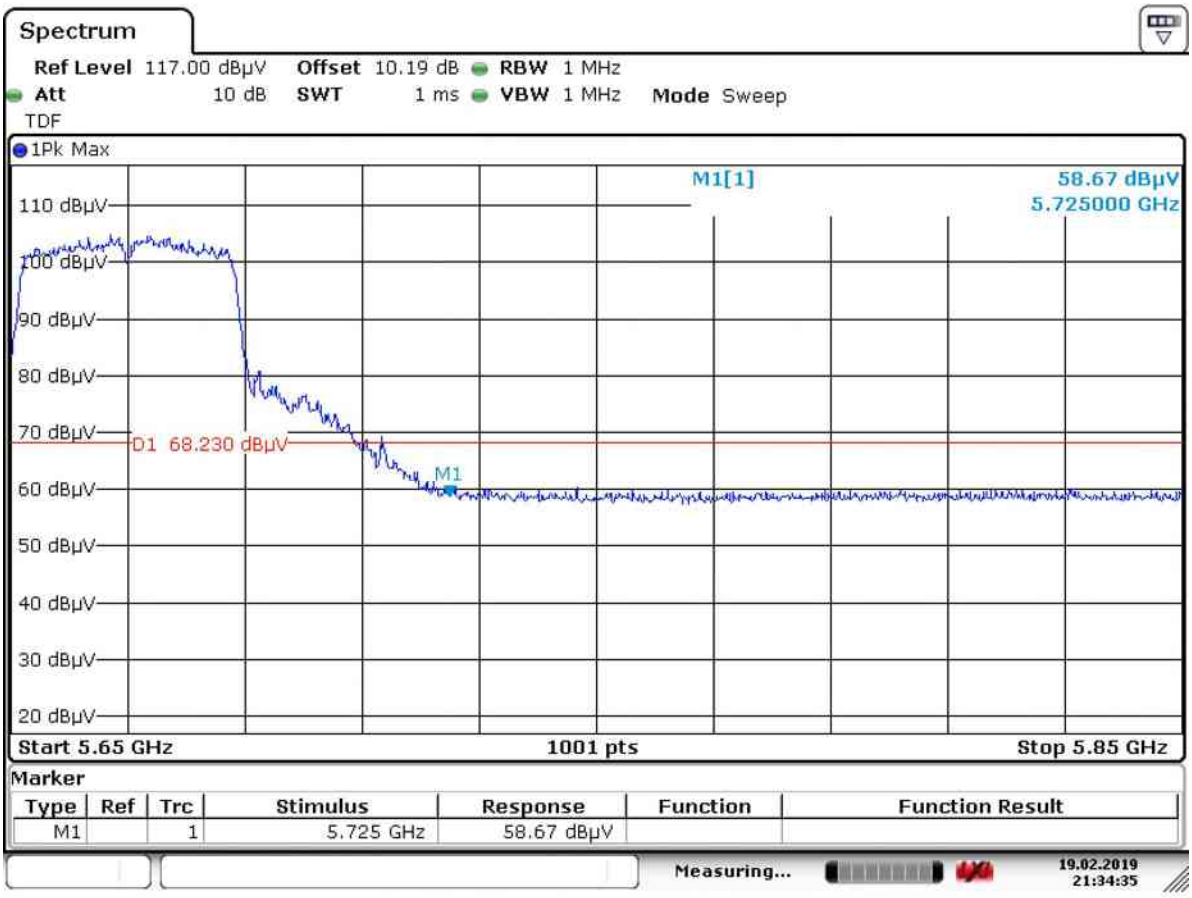
Date: 19.FEB.2019 21:22:42

Channel 134(Horizontal)



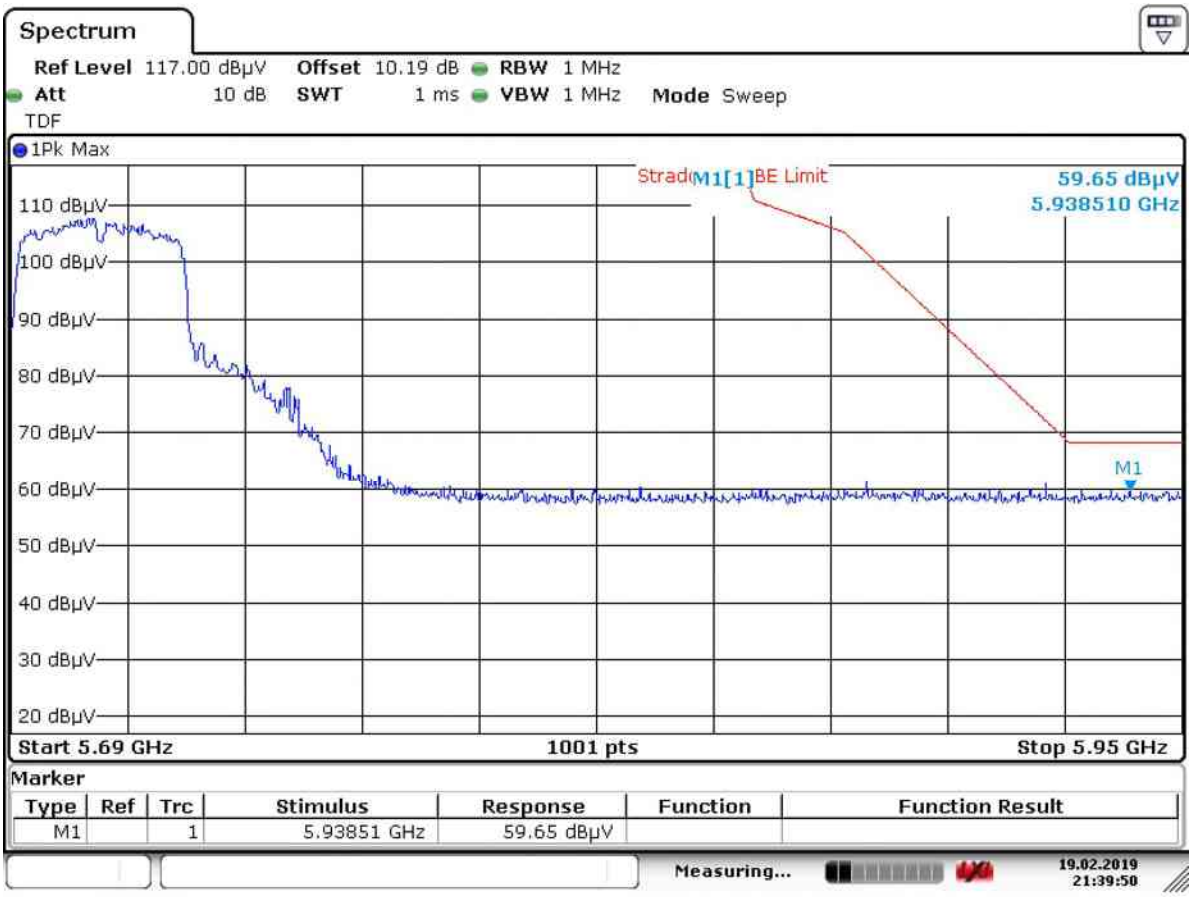
Date: 19.FEB.2019 21:32:57

Channel 134(Vertical)



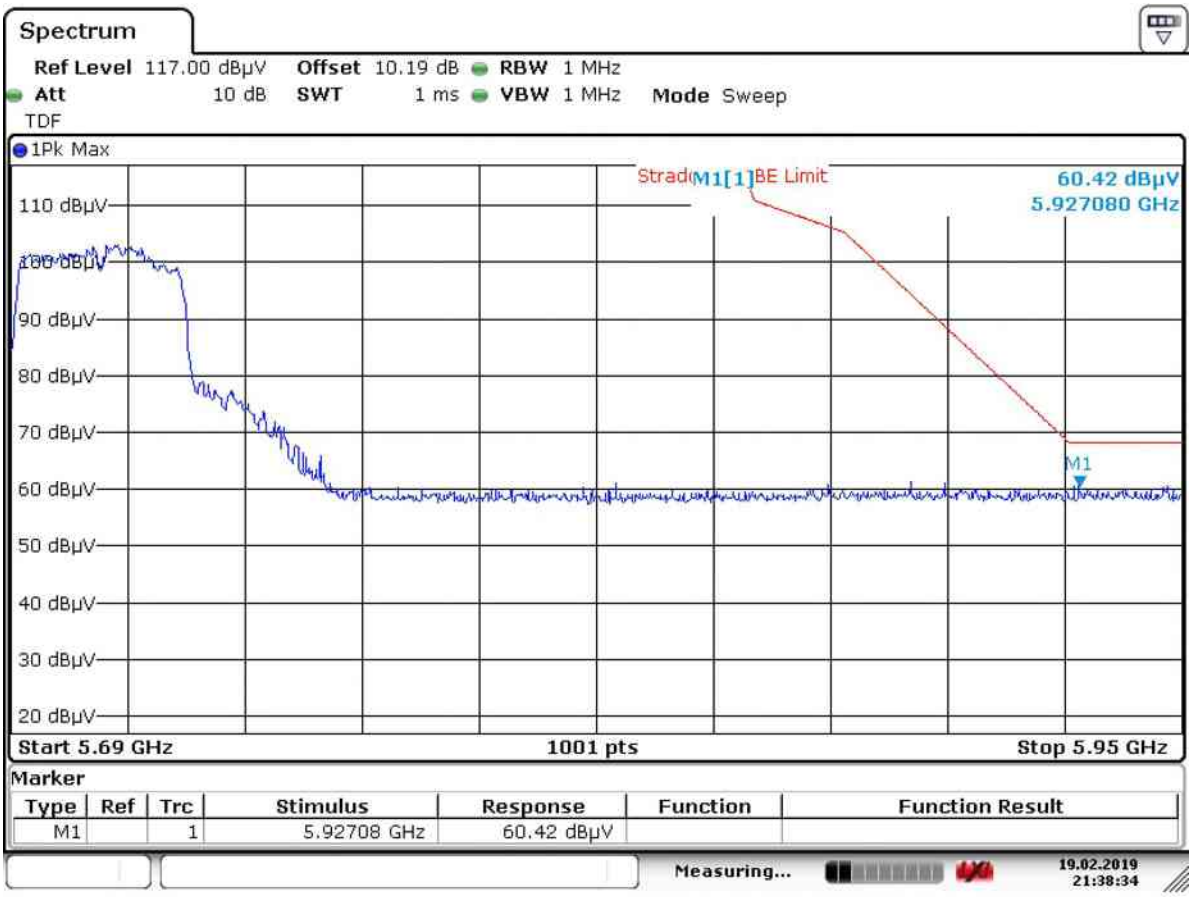
Date: 19.FEB.2019 21:34:35

Channel 142(Horizontal)



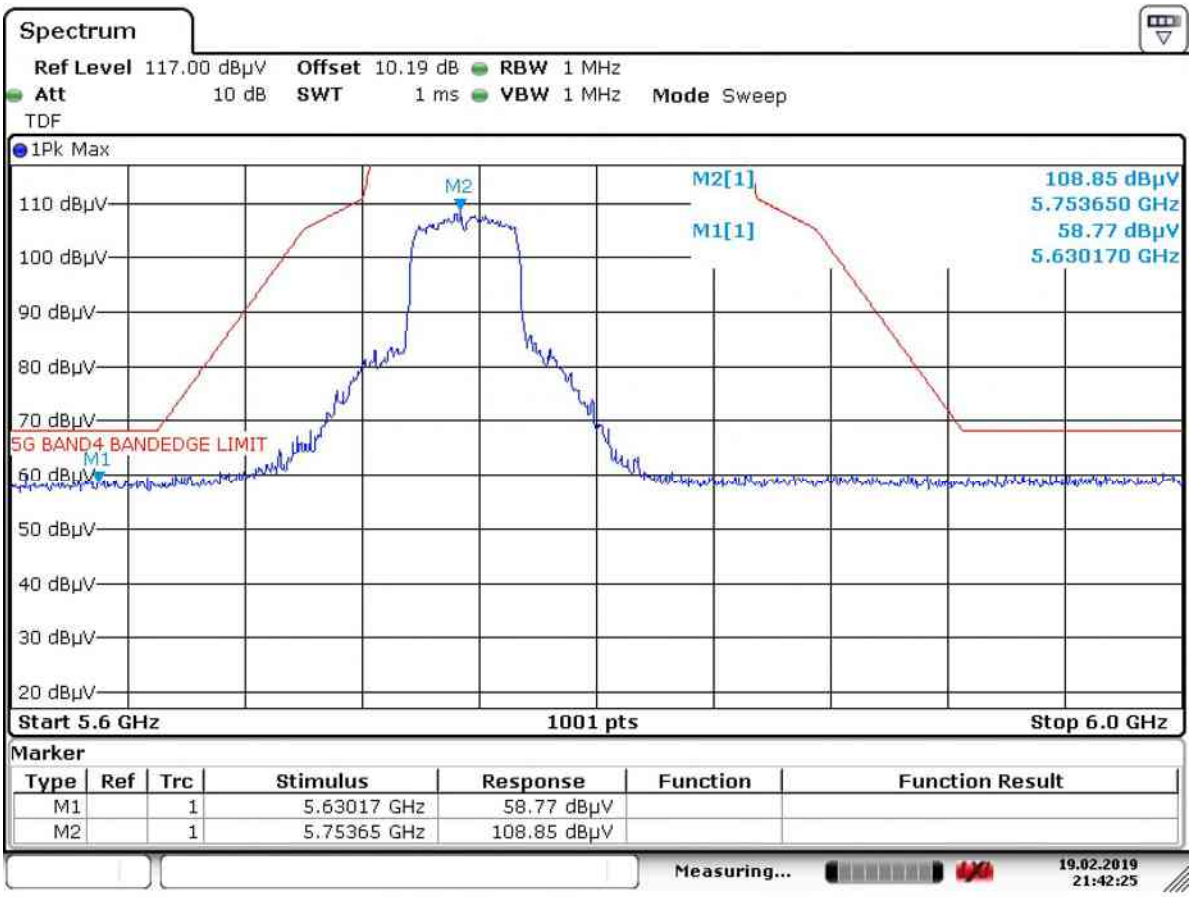
Date: 19.FEB.2019 21:39:50

Channel 142(Vertical)



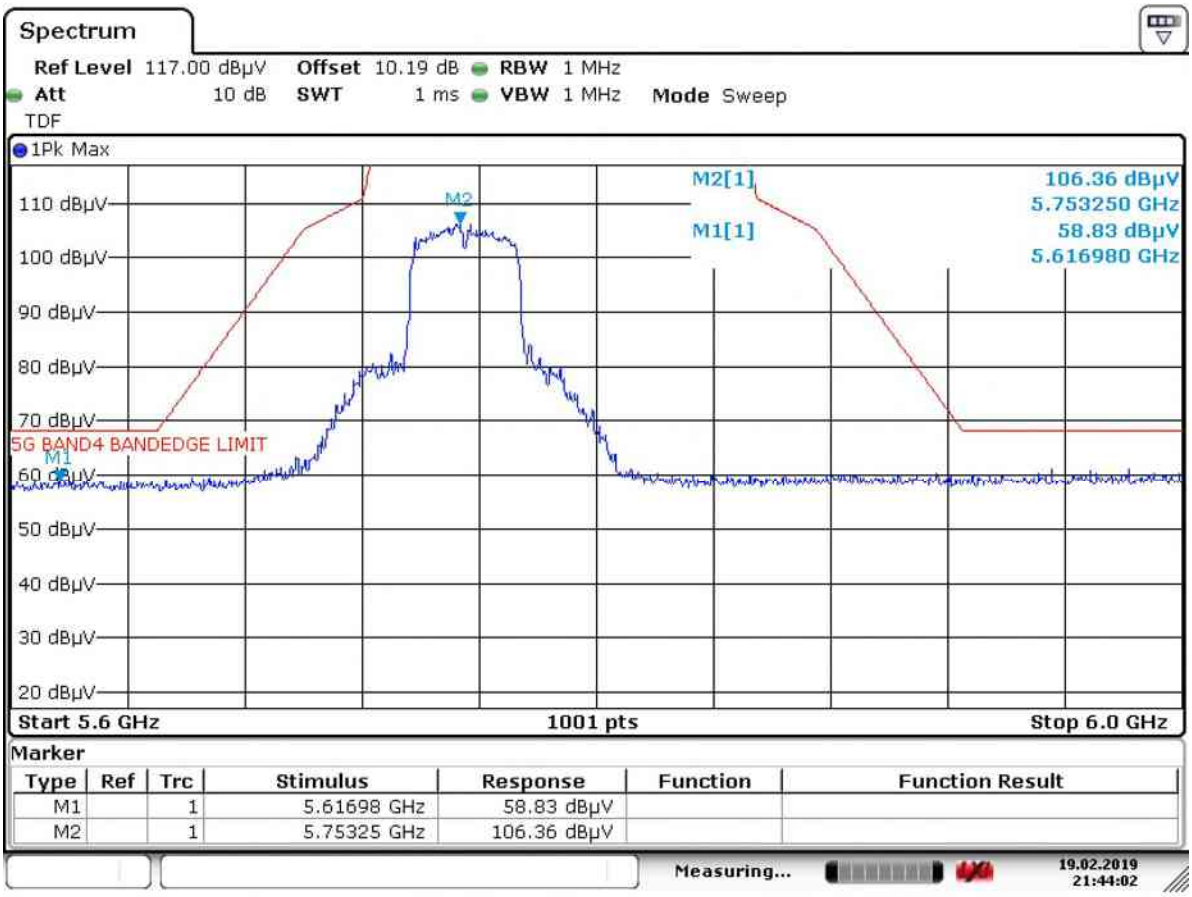
Date: 19.FEB.2019 21:38:34

Channel 151(Horizontal)



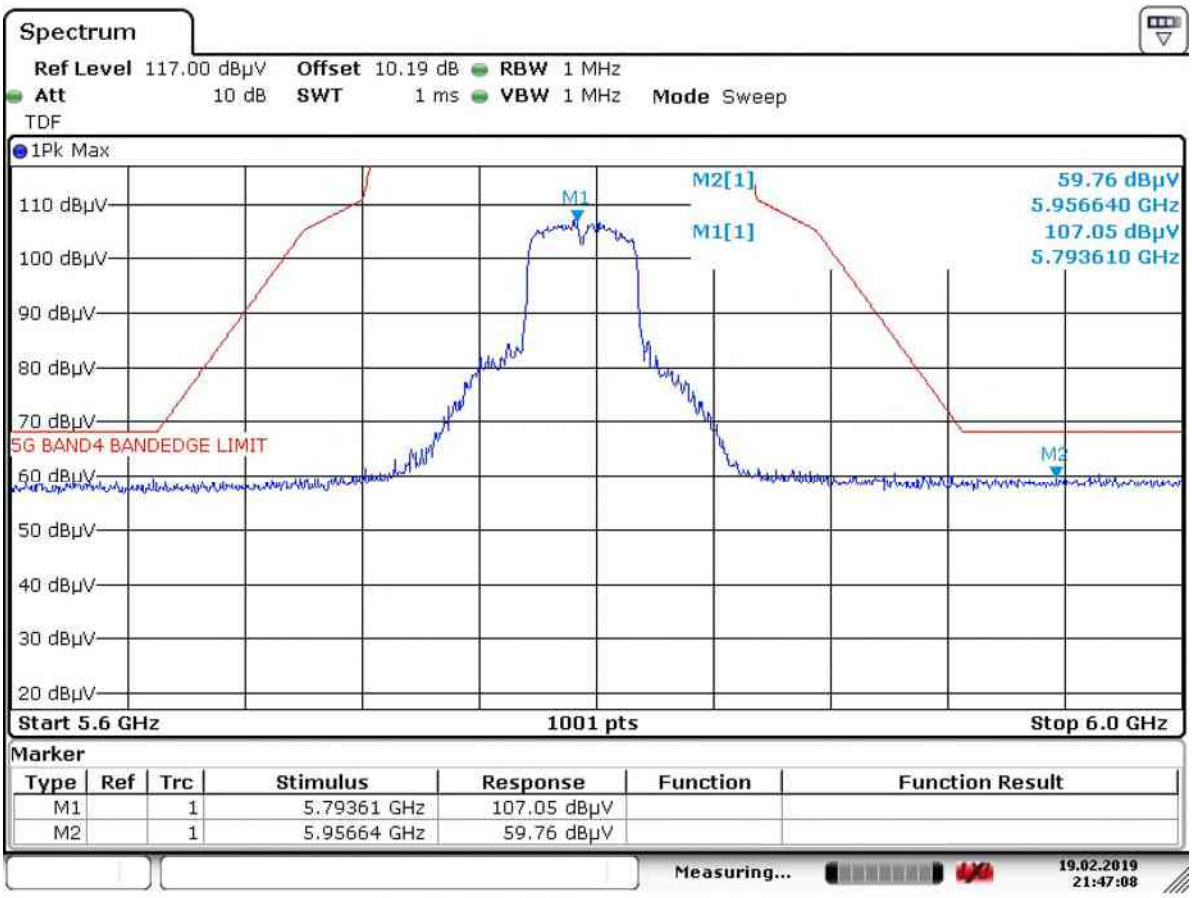
Date: 19.FEB.2019 21:42:25

Channel 151(Vertical)



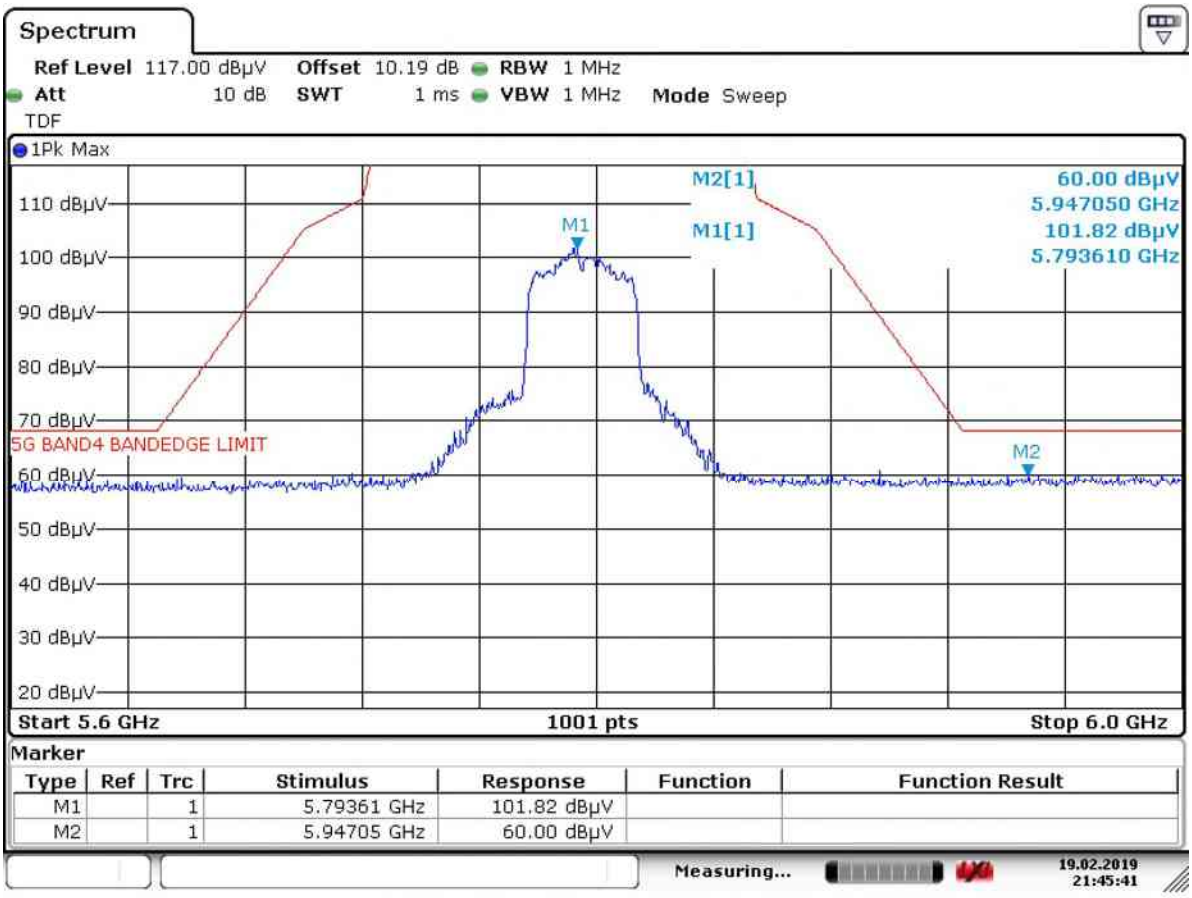
Date: 19.FEB.2019 21:44:02

Channel 159(Horizontal)



Date: 19.FEB.2019 21:47:08

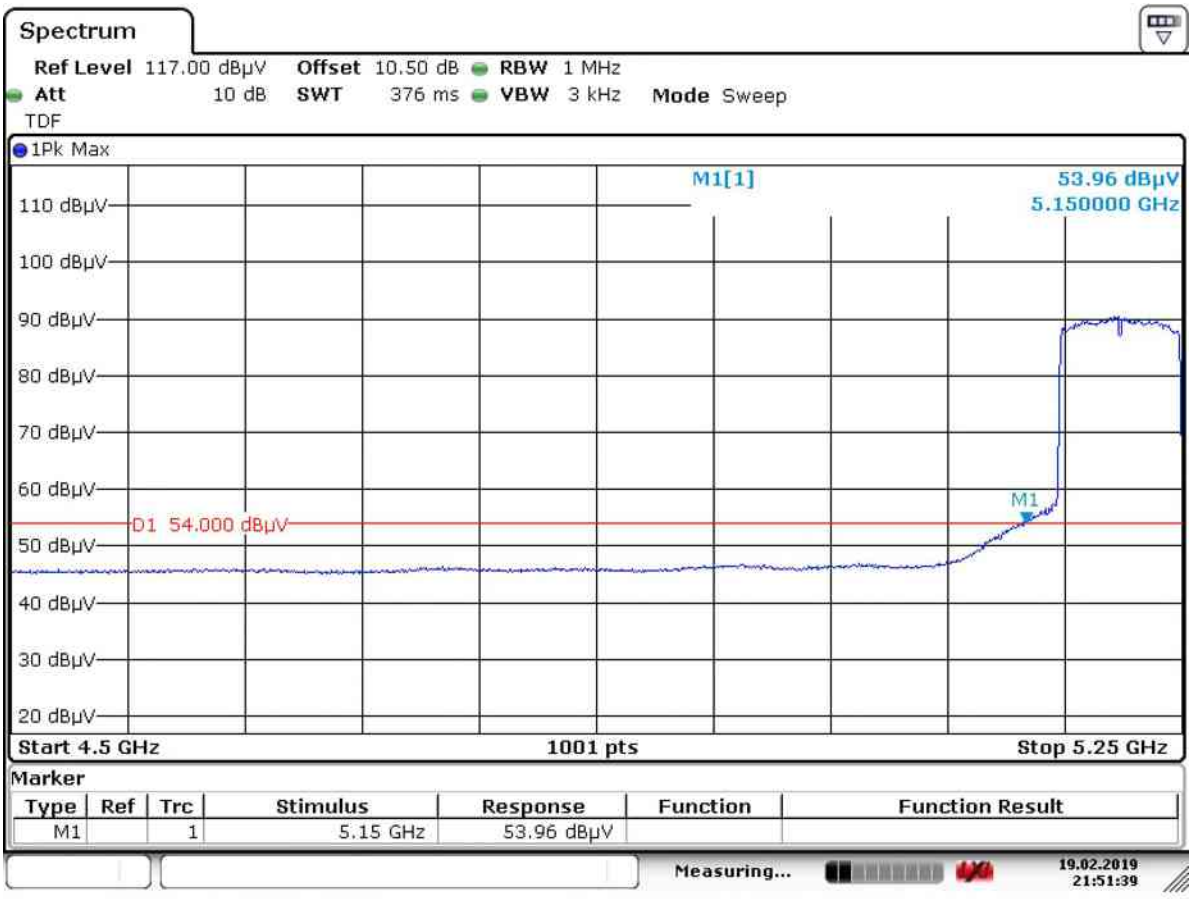
Channel 159(Vertical)



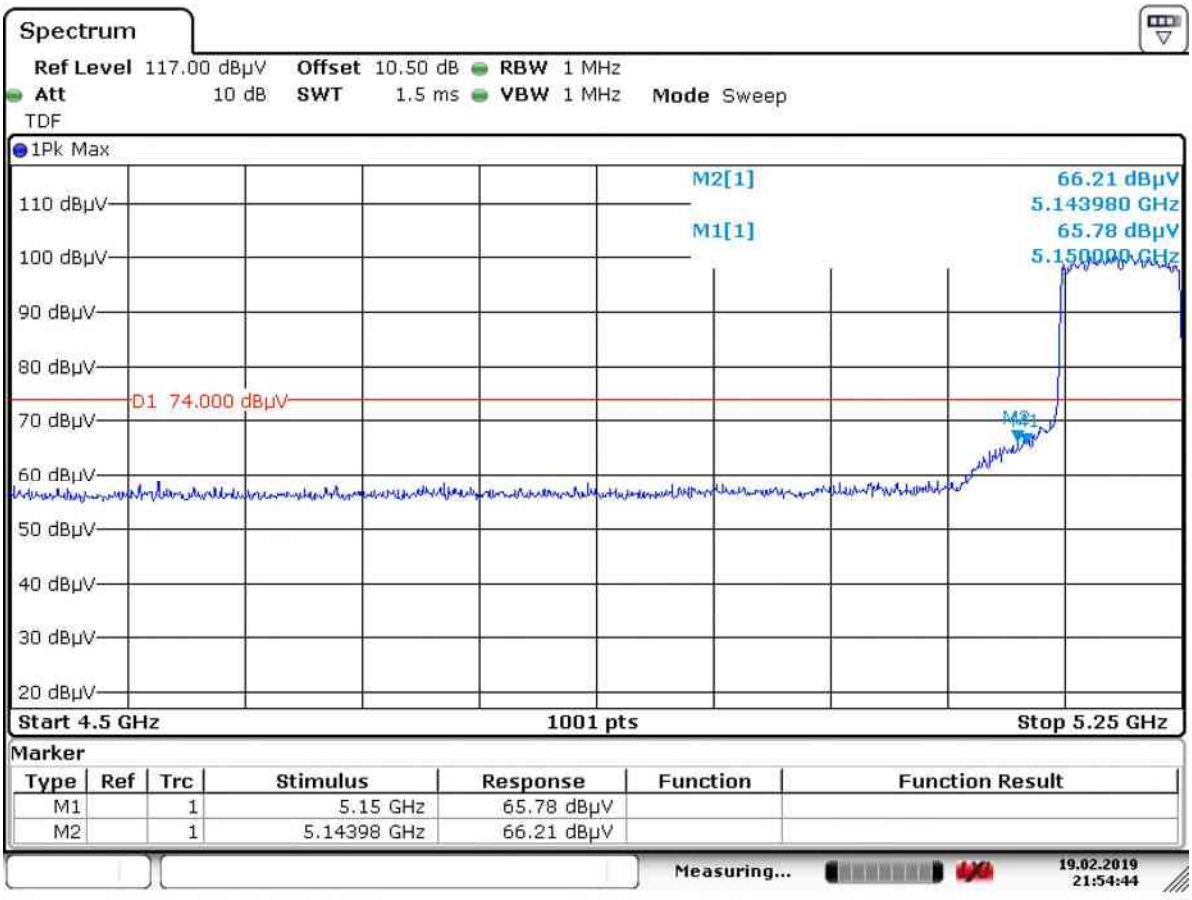
Date: 19.FEB.2019 21:45:40

802.11ac VHT80

Channel 42(Horizontal)

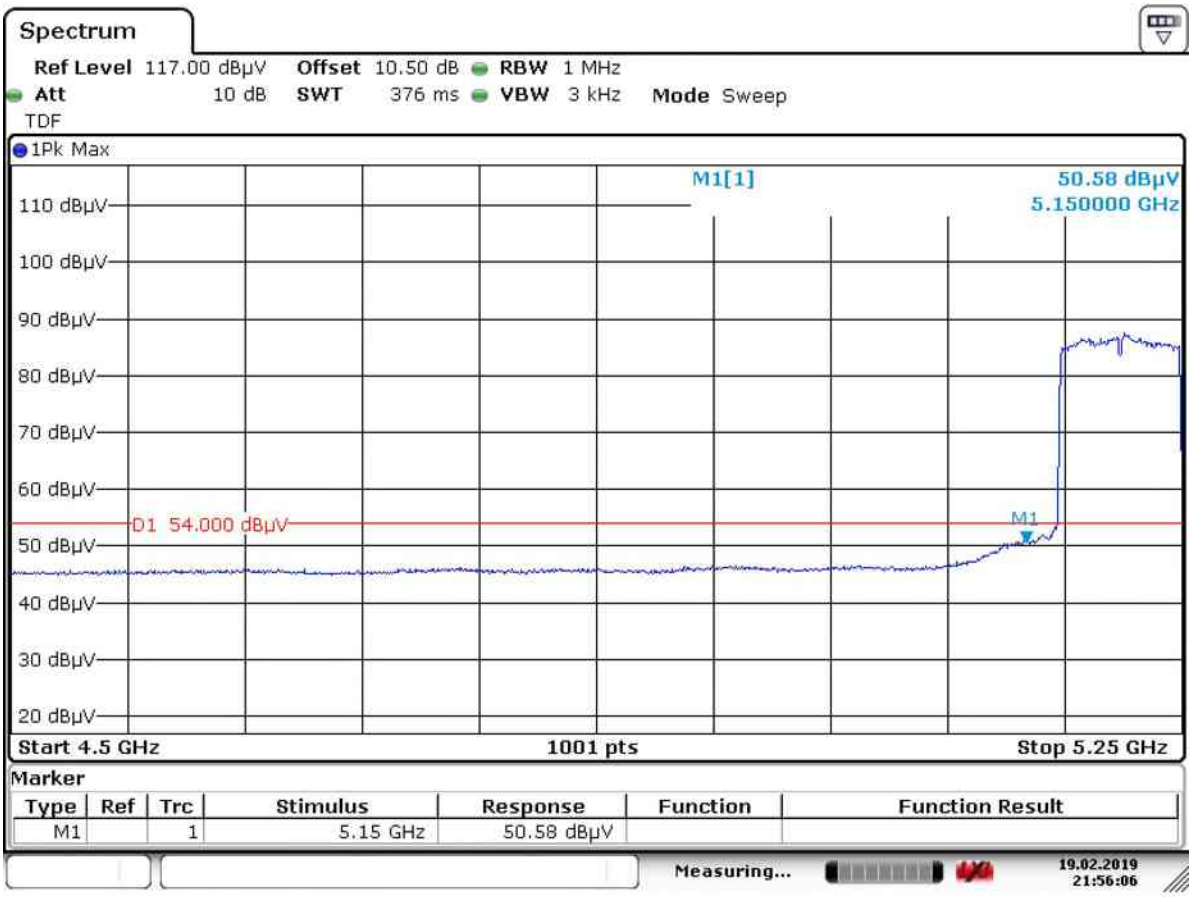


Date: 19.FEB.2019 21:51:39

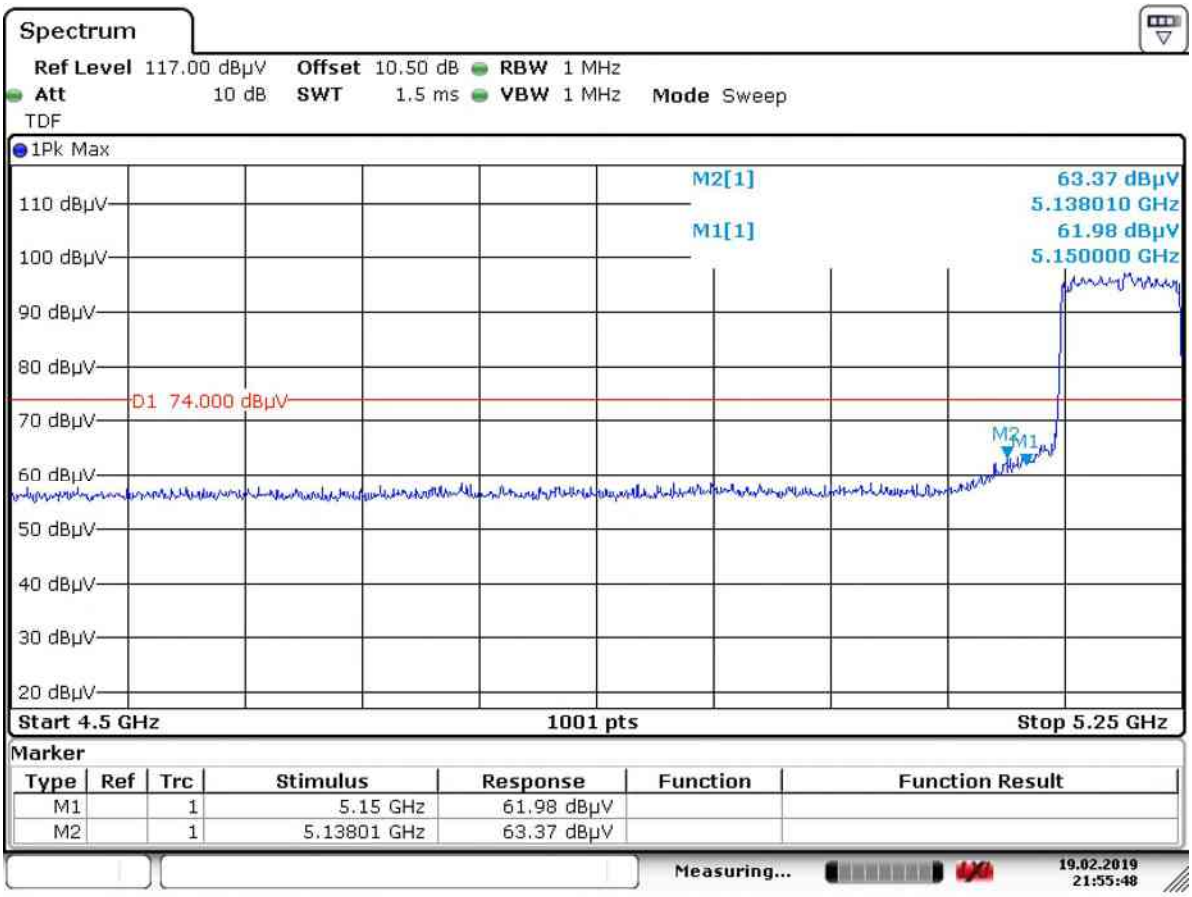


Date: 19.FEB.2019 21:54:44

Channel 42(Vertical)

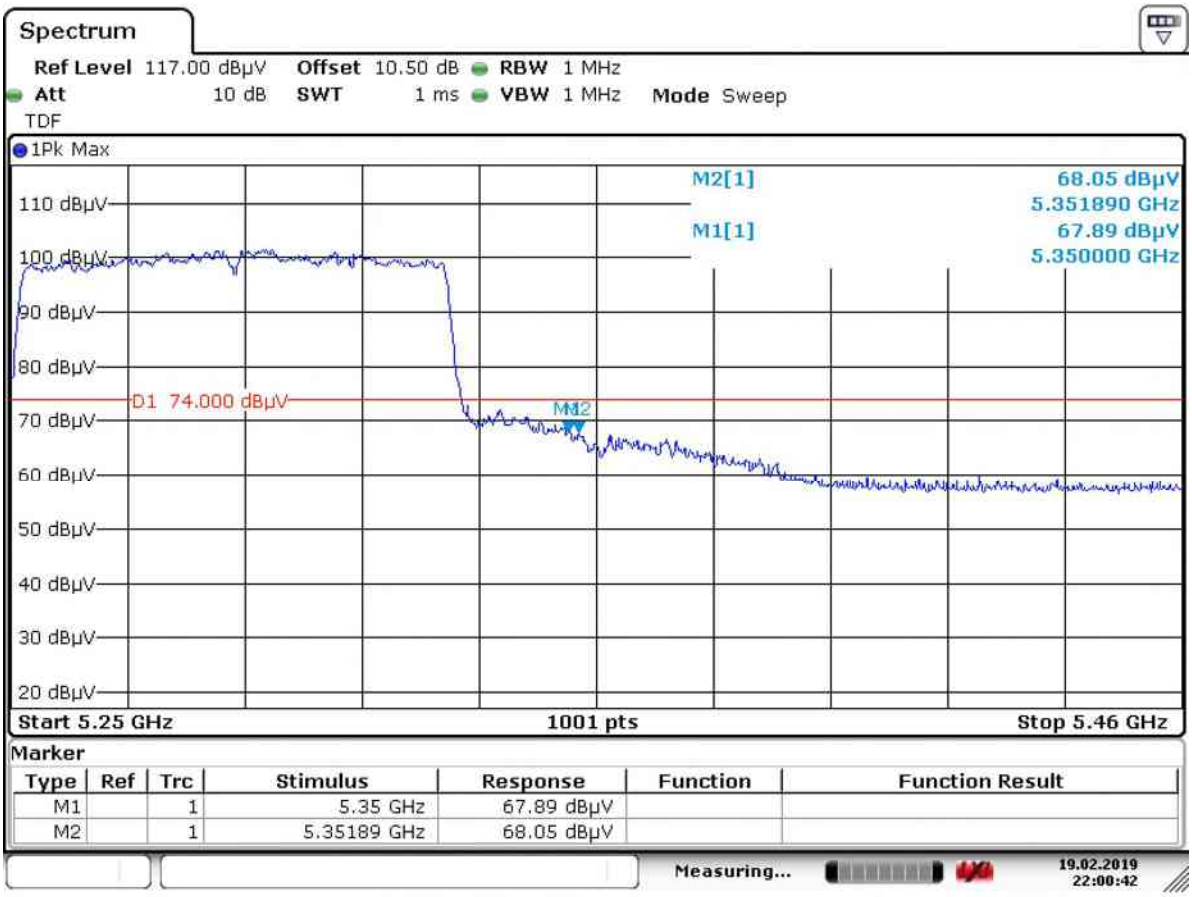


Date: 19.FEB.2019 21:56:07

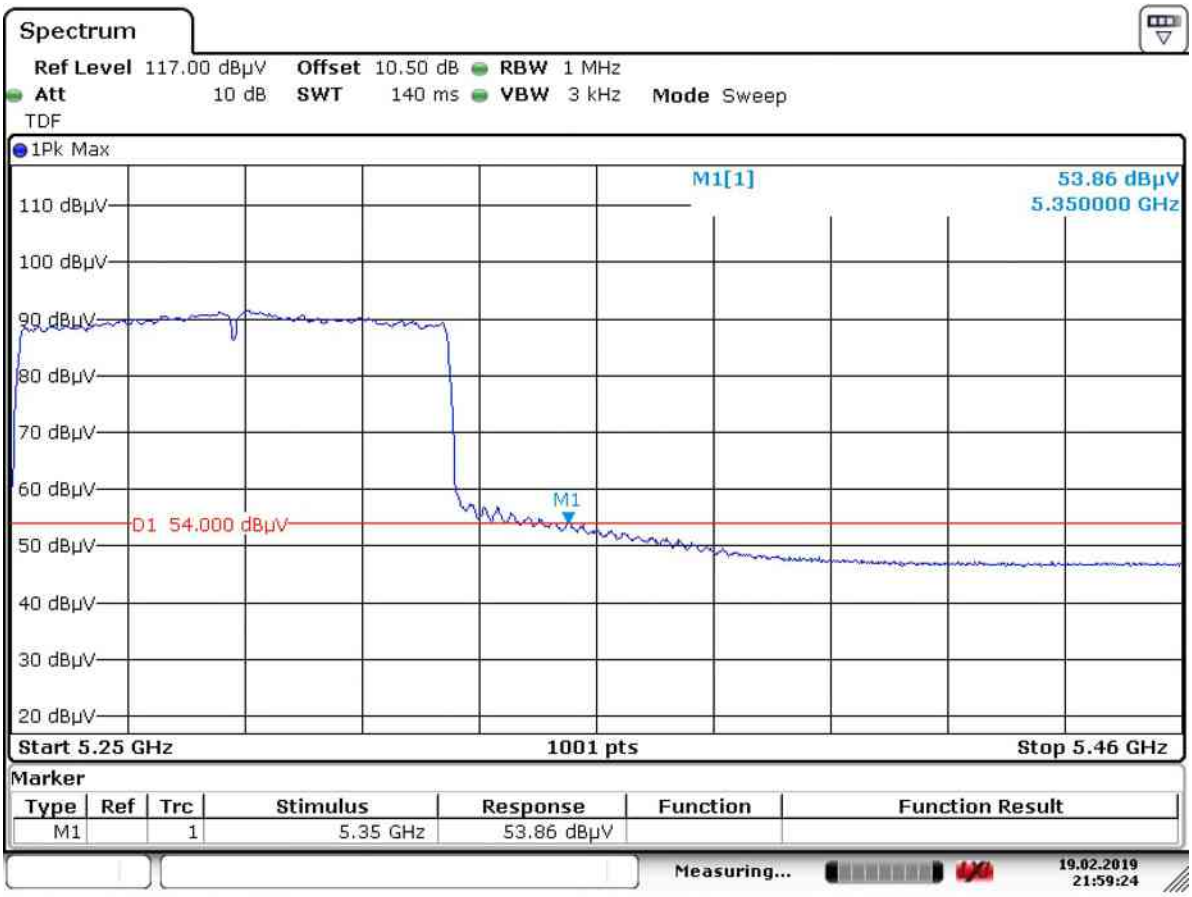


Date: 19.FEB.2019 21:55:48

Channel 58(Horizontal)

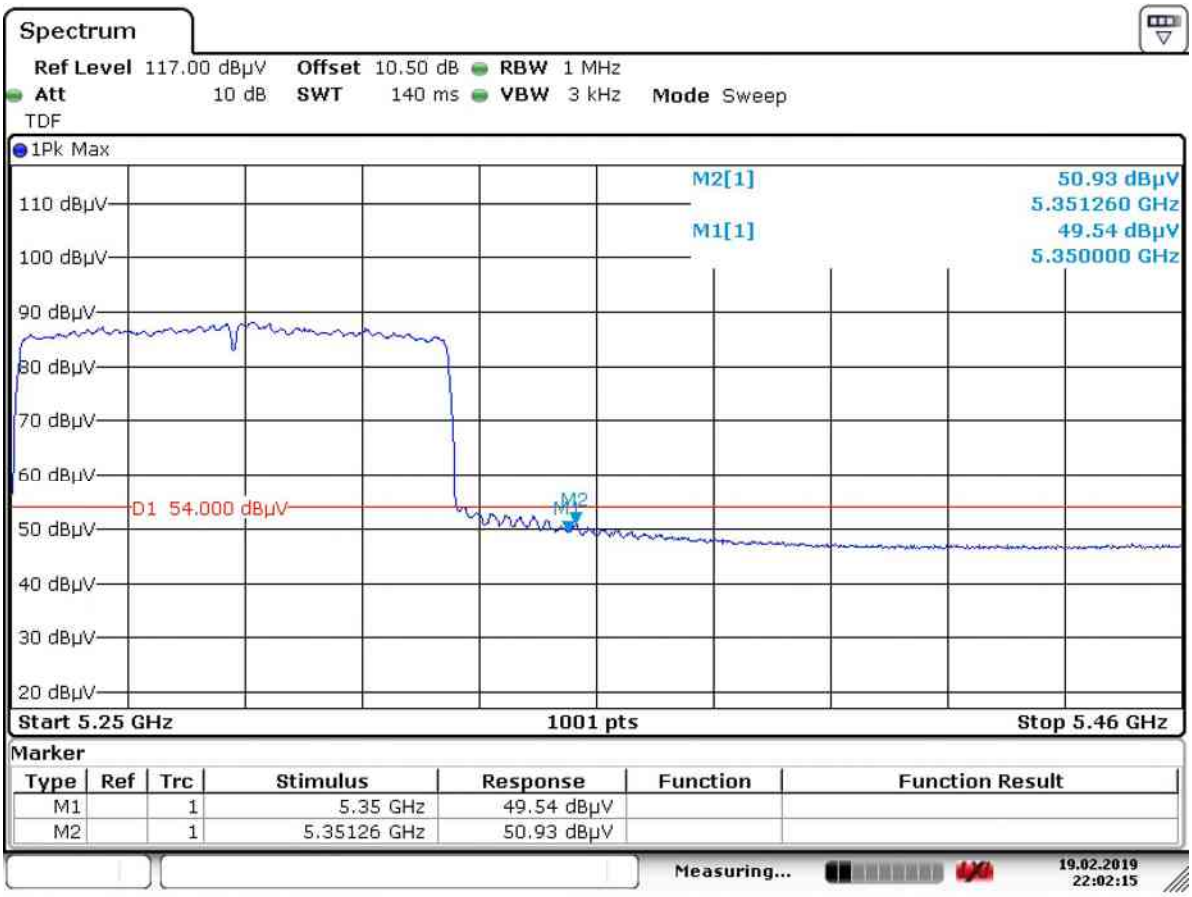


Date: 19.FEB.2019 22:00:42

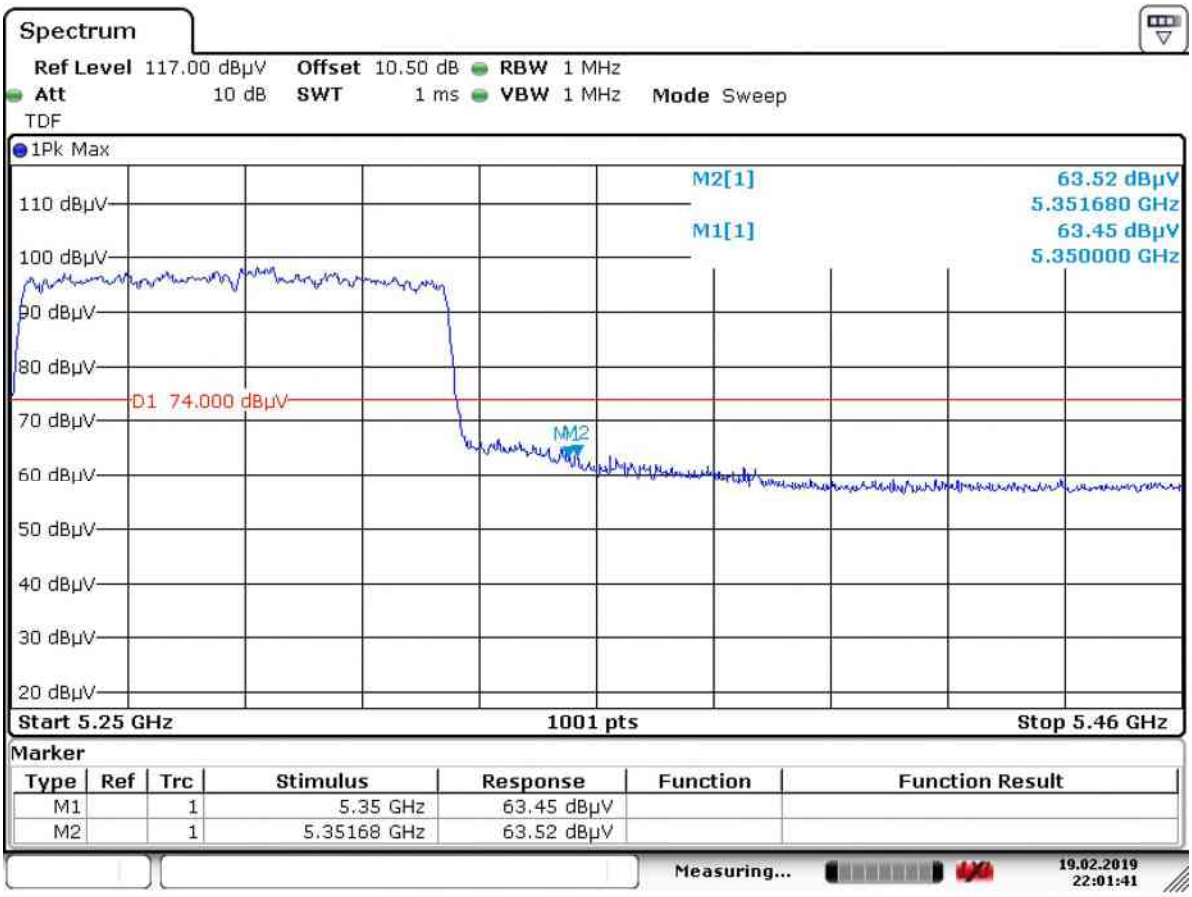


Date: 19.FEB.2019 21:59:24

Channel 58(Vertical)

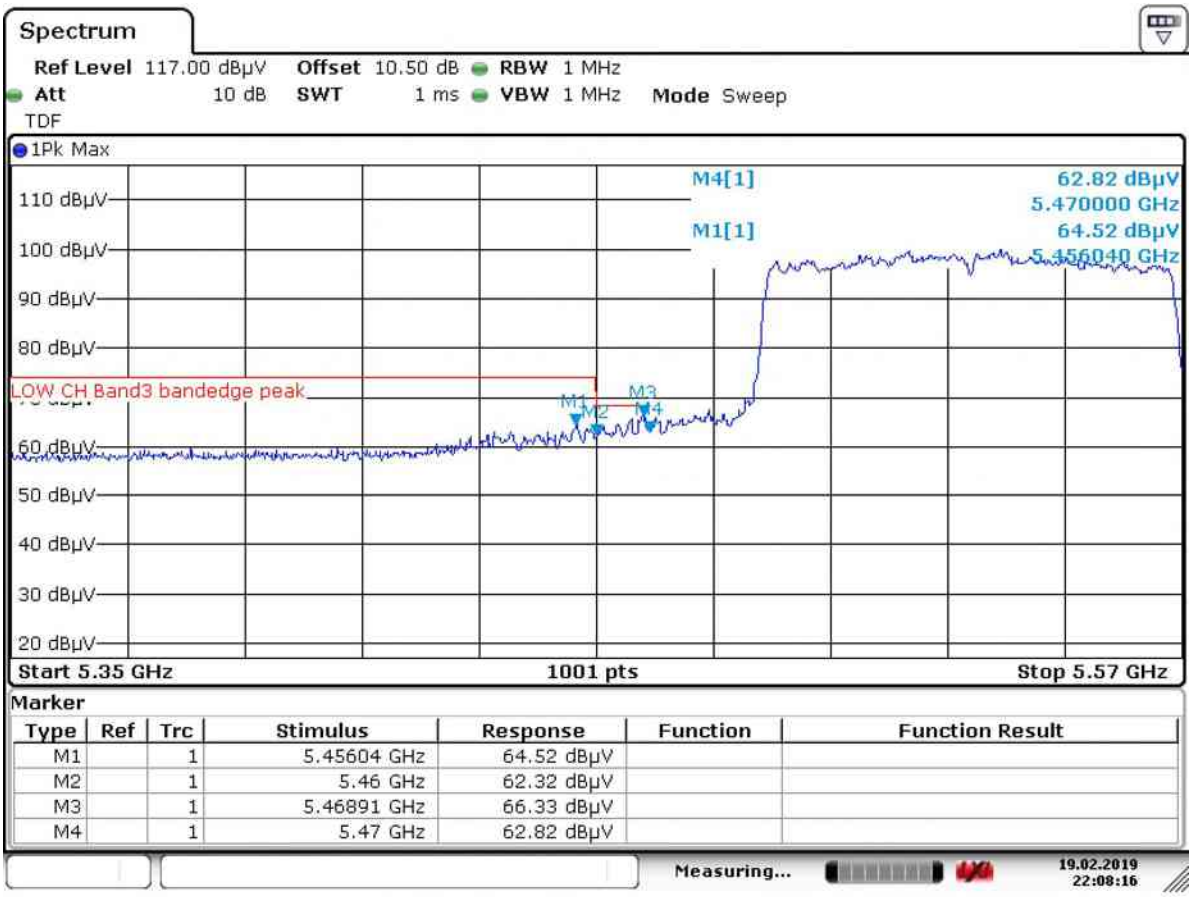


Date: 19.FEB.2019 22:02:15

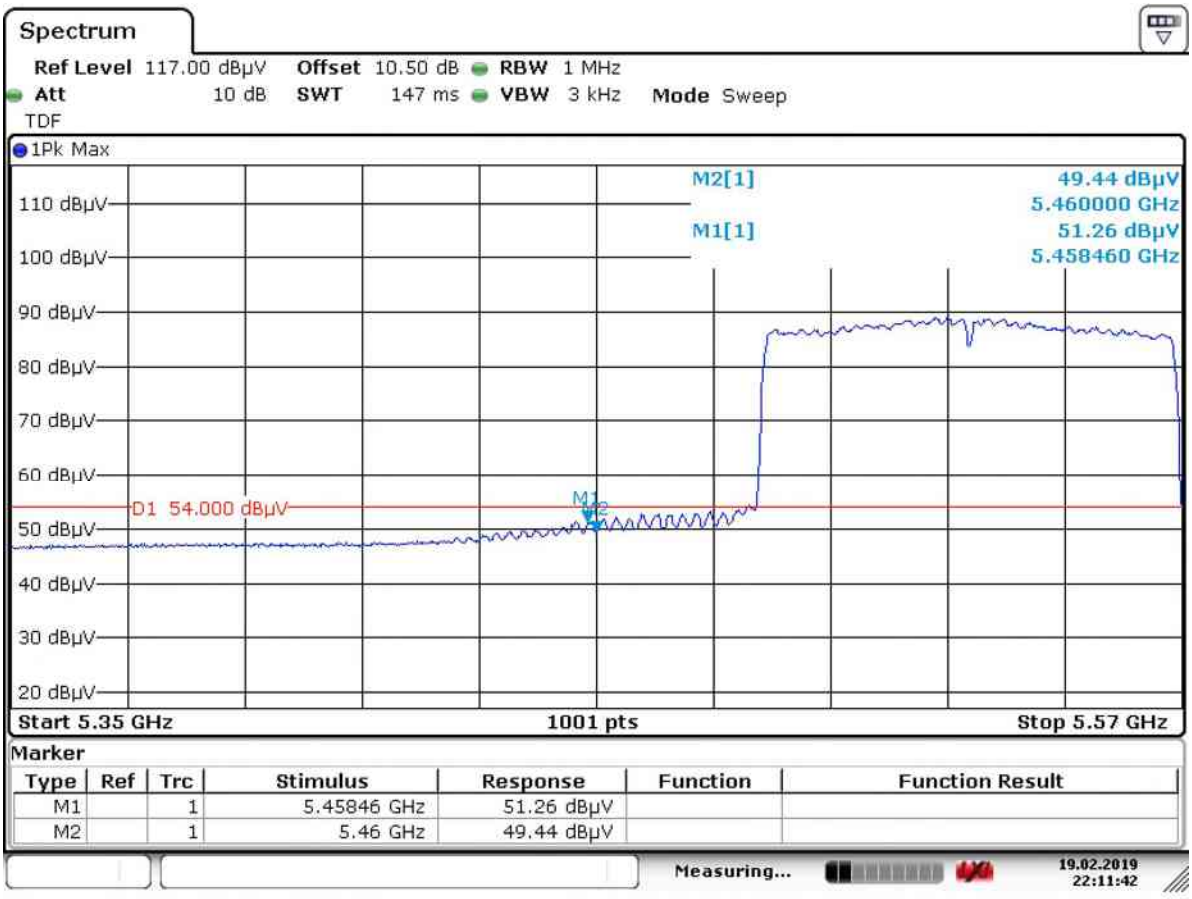


Date: 19.FEB.2019 22:01:41

Channel 106(Horizontal)

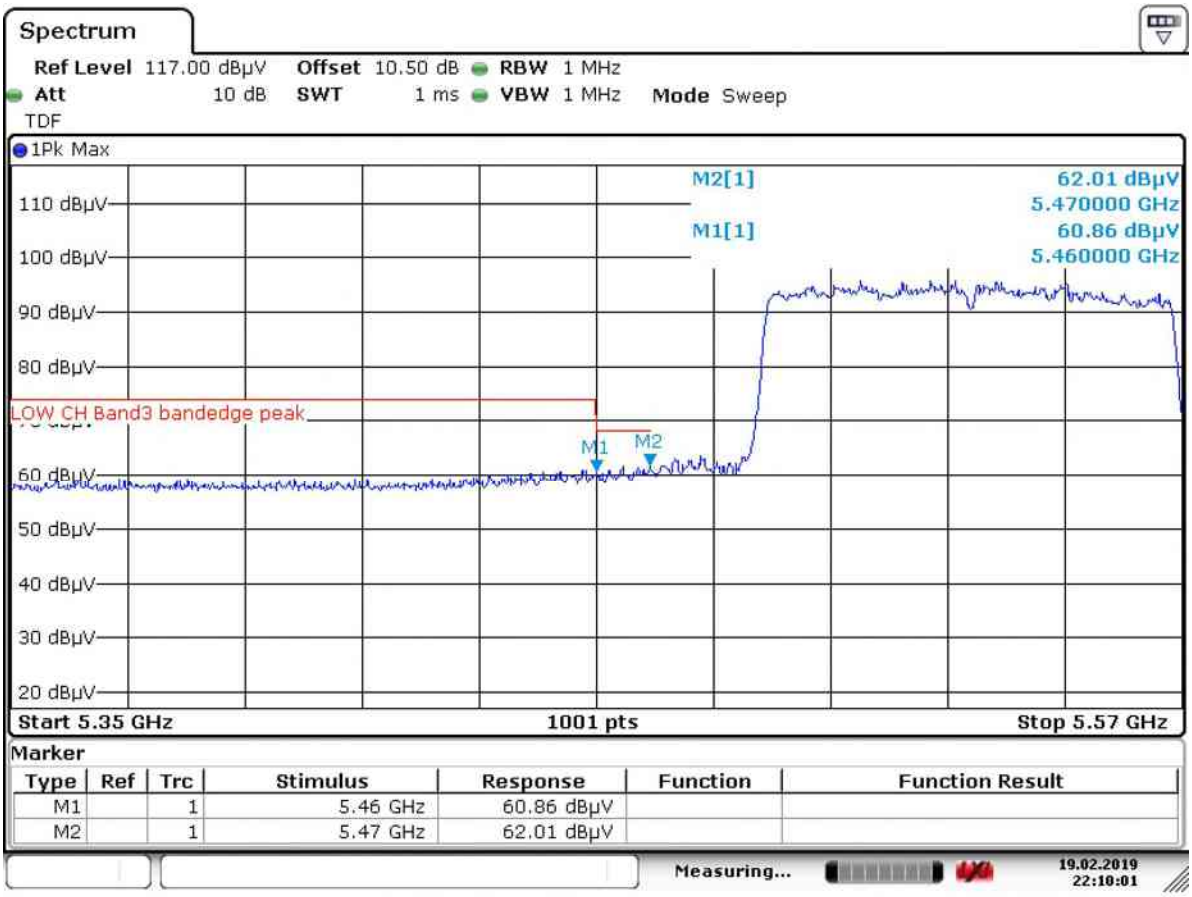


Date: 19.FEB.2019 22:08:16

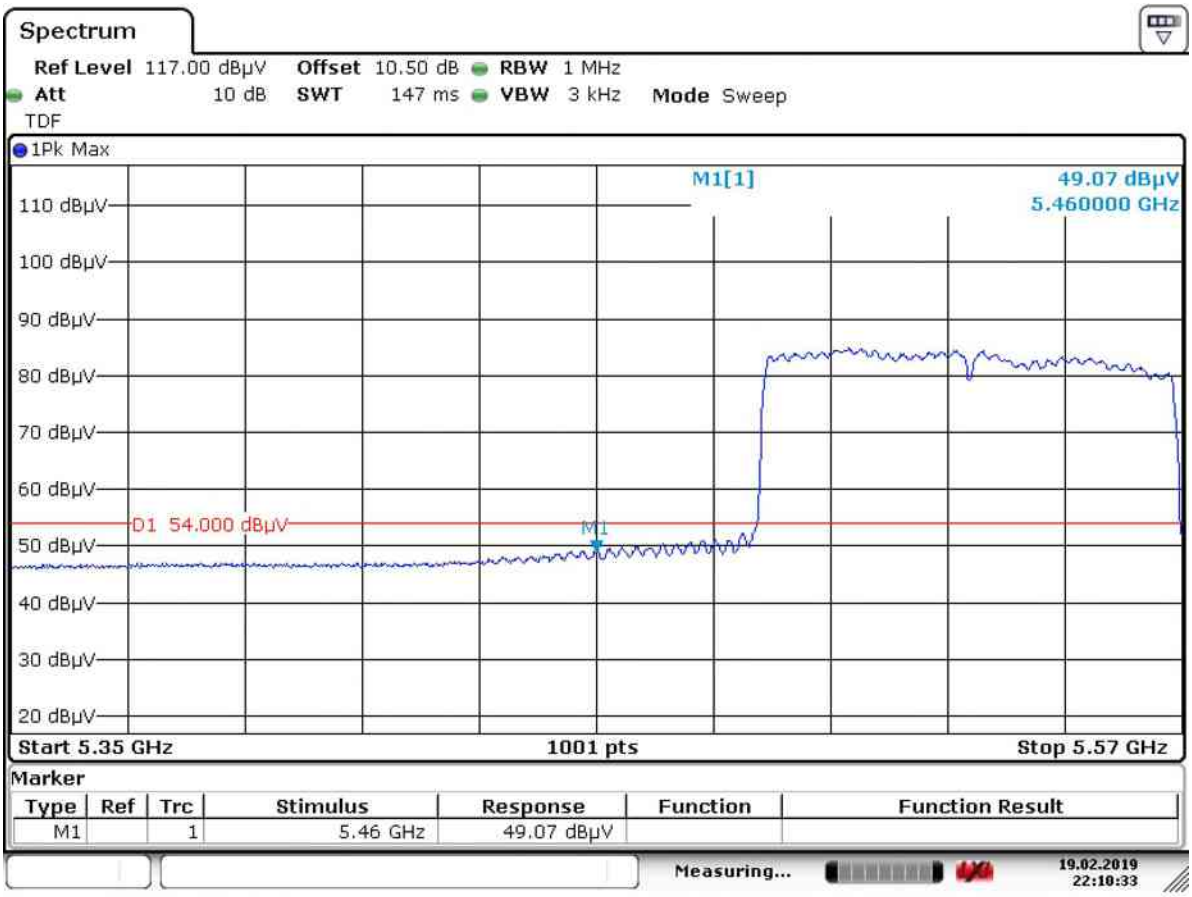


Date: 19.FEB.2019 22:11:42

Channel 106(Vertical)

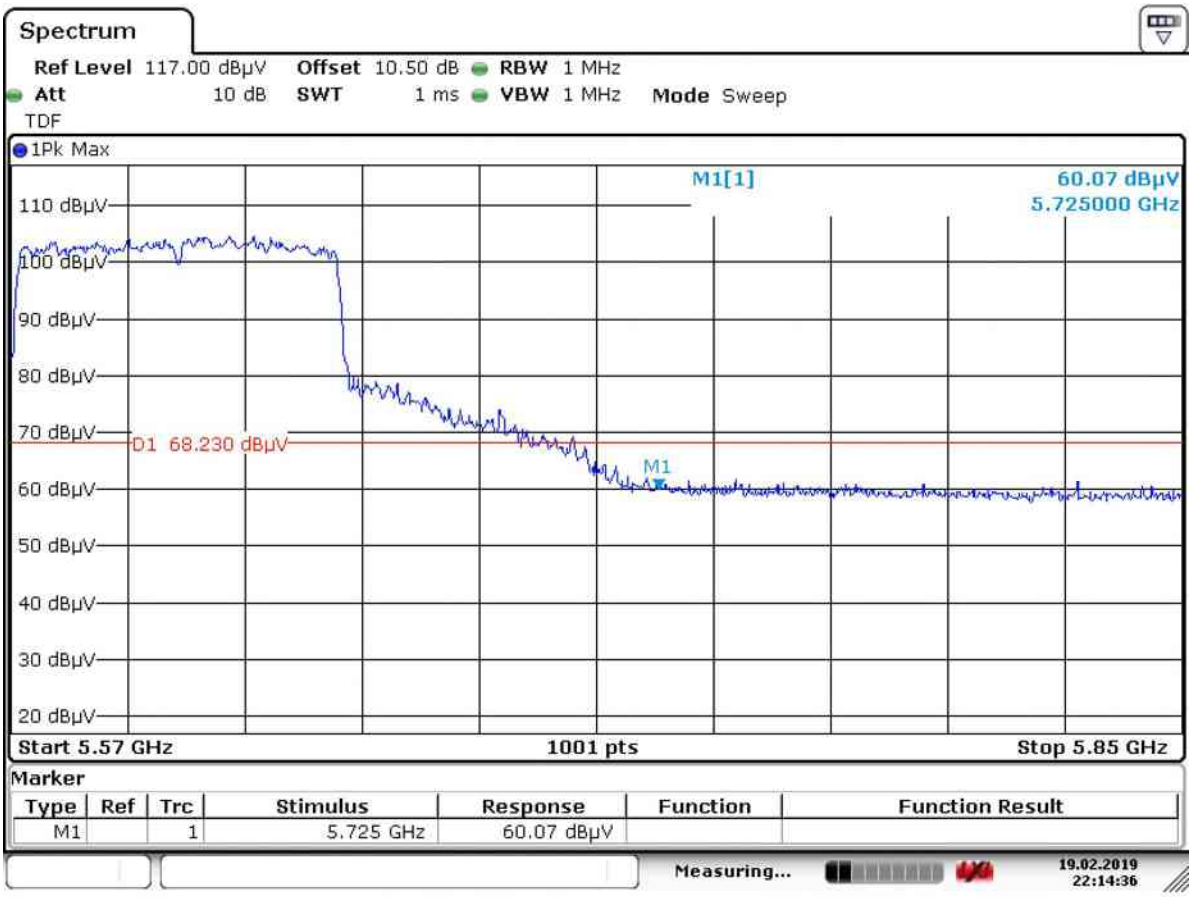


Date: 19.FEB.2019 22:10:01



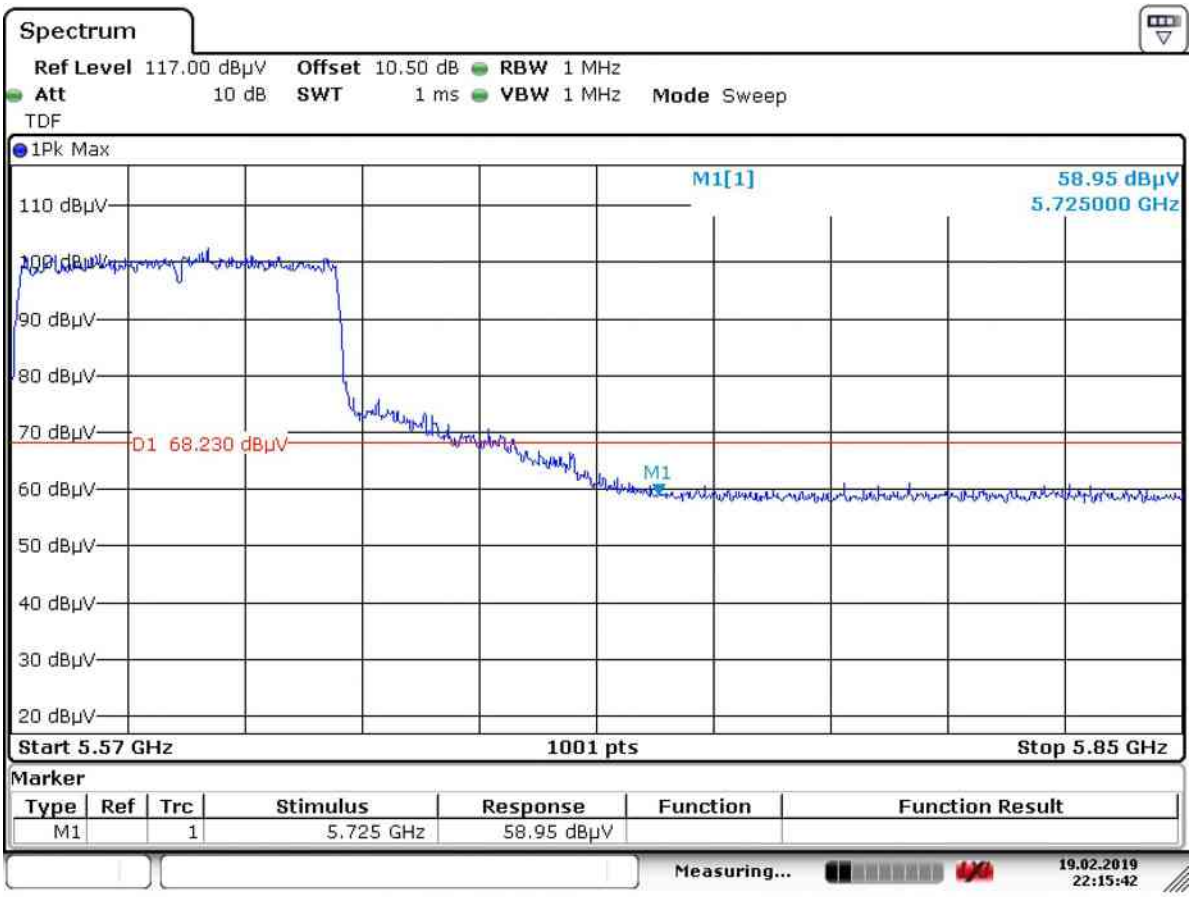
Date: 19.FEB.2019 22:10:33

Channel 122(Horizontal)



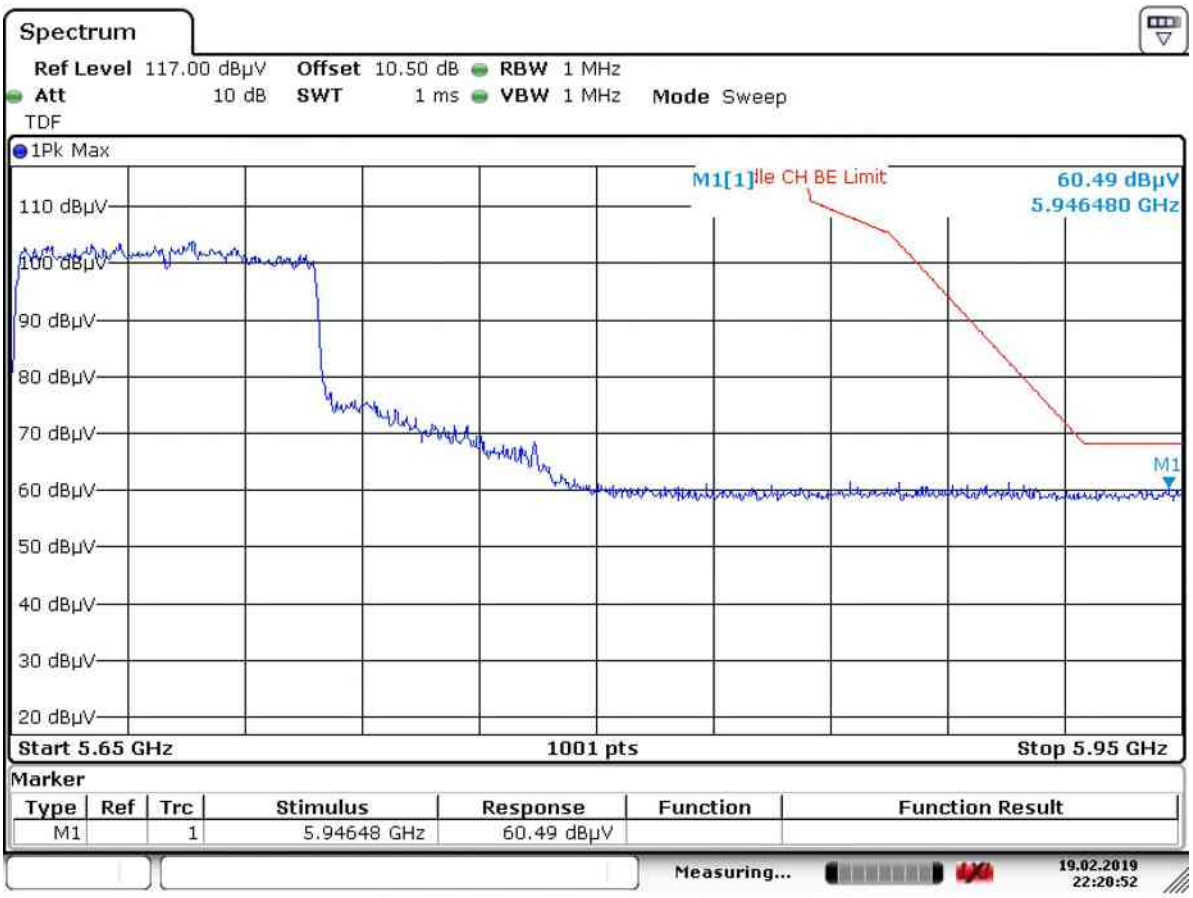
Date: 19.FEB.2019 22:14:36

Channel 122(Vertical)



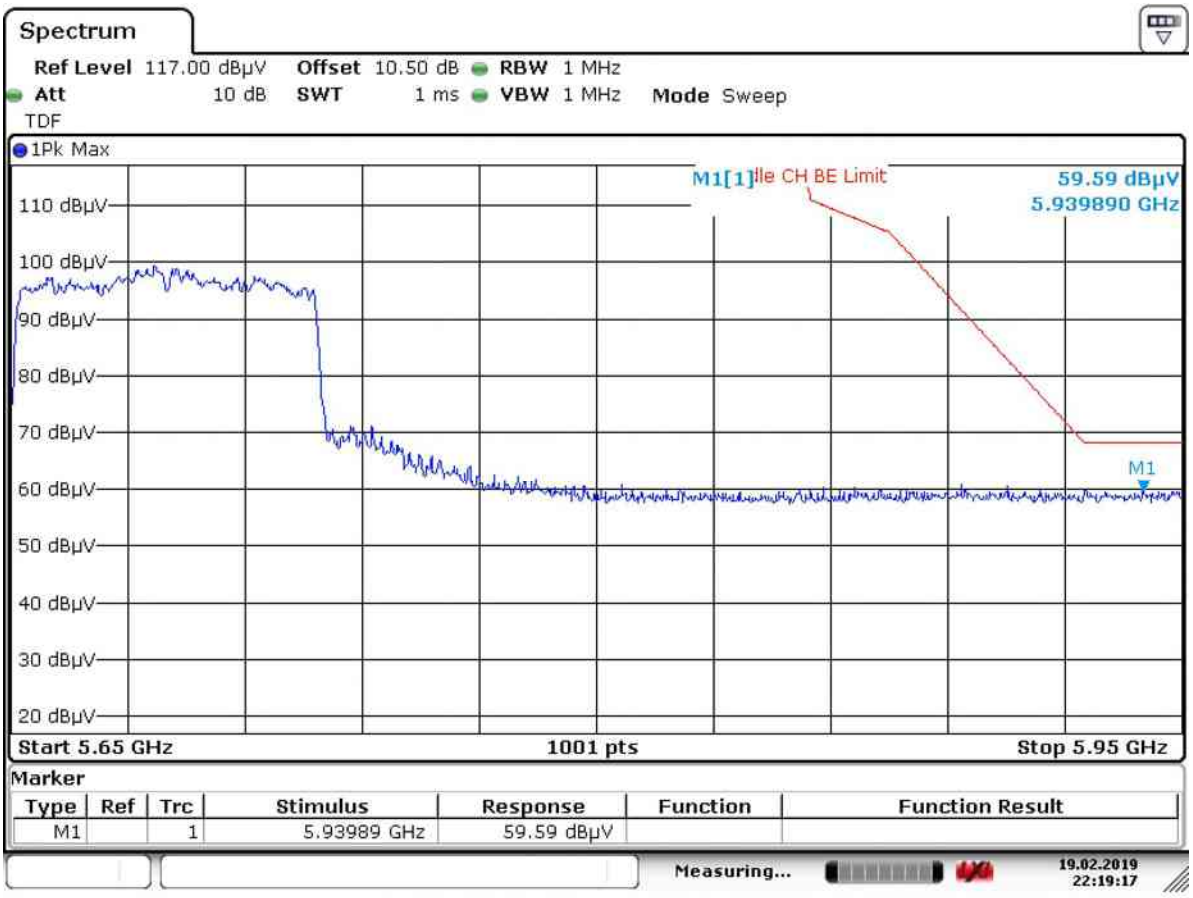
Date: 19.FEB.2019 22:15:42

Channel 138(Horizontal)



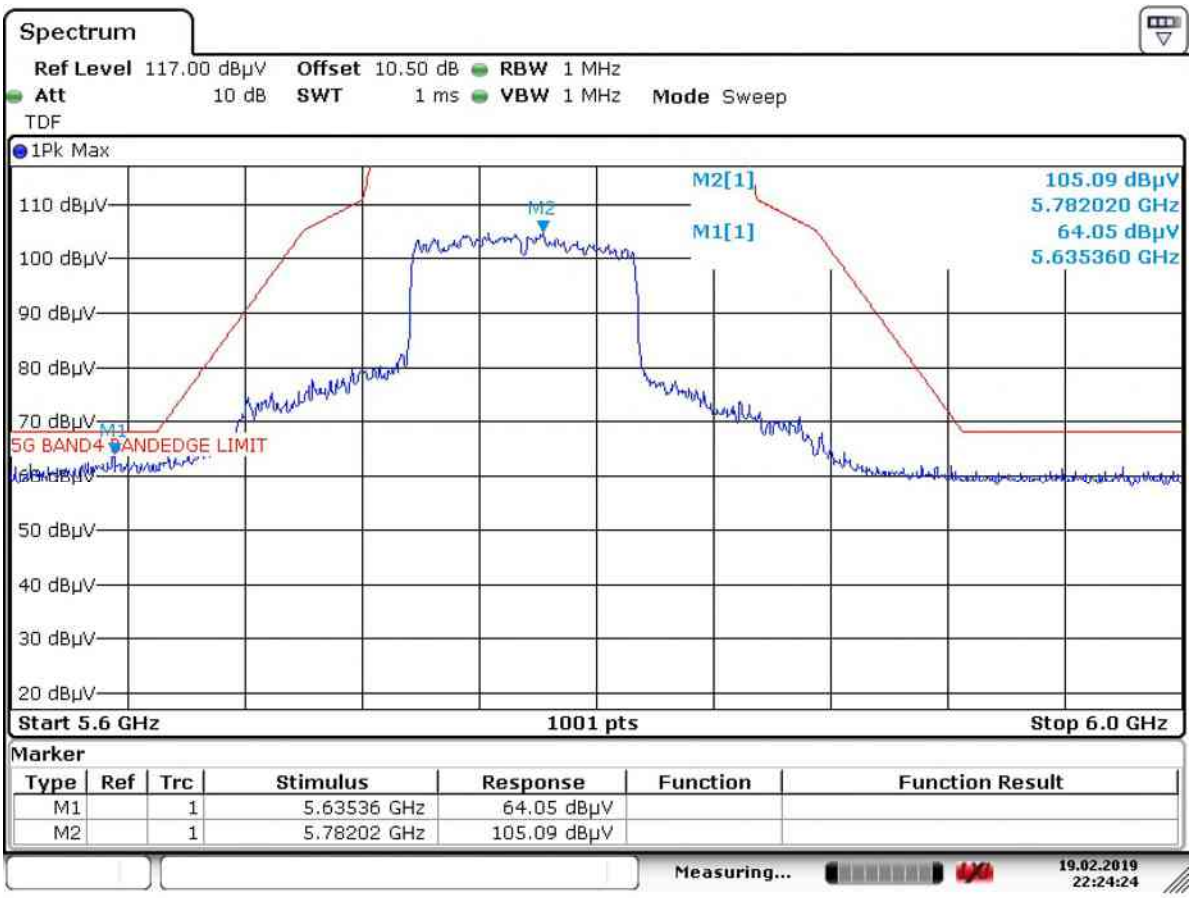
Date: 19.FEB.2019 22:20:52

Channel 138(Vertical)



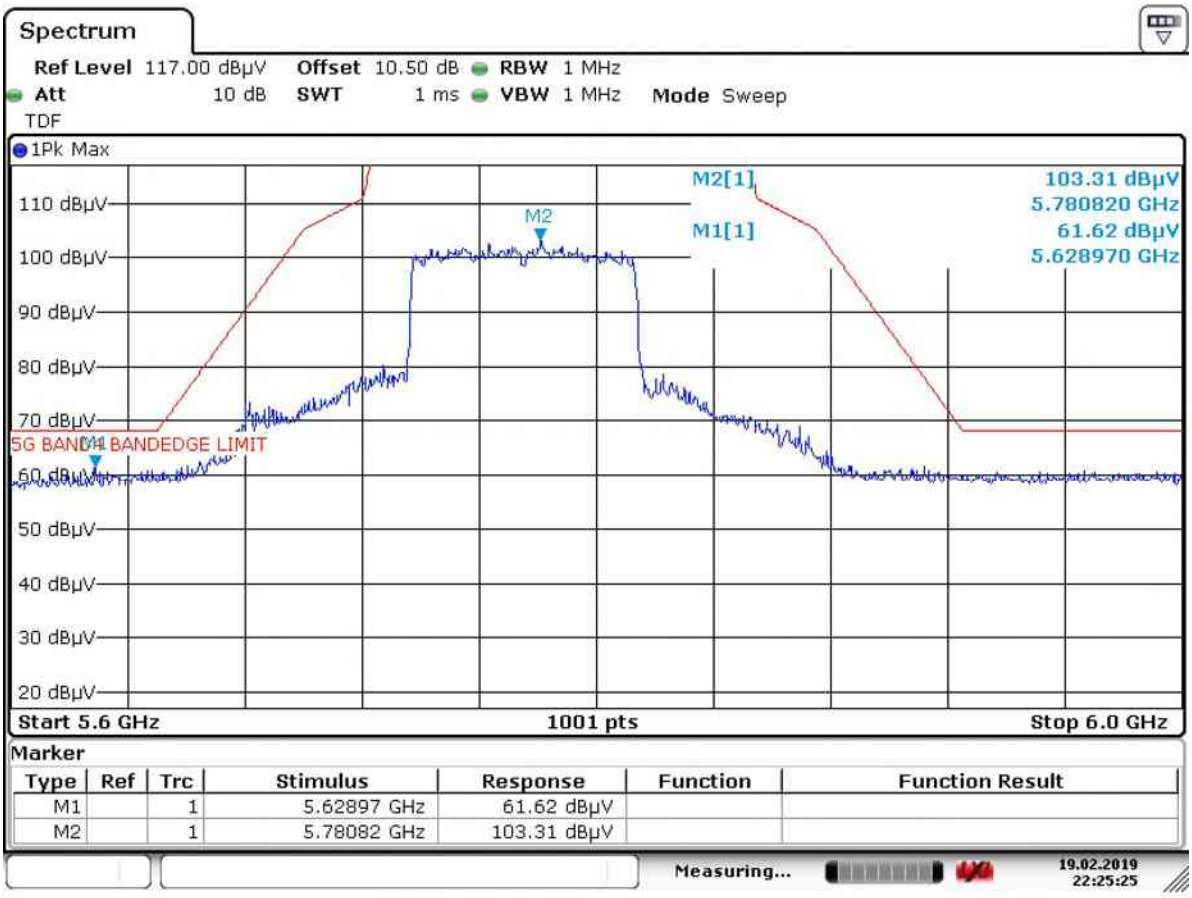
Date: 19.FEB.2019 22:19:17

Channel 155(Horizontal)



Date: 19.FEB.2019 22:24:24

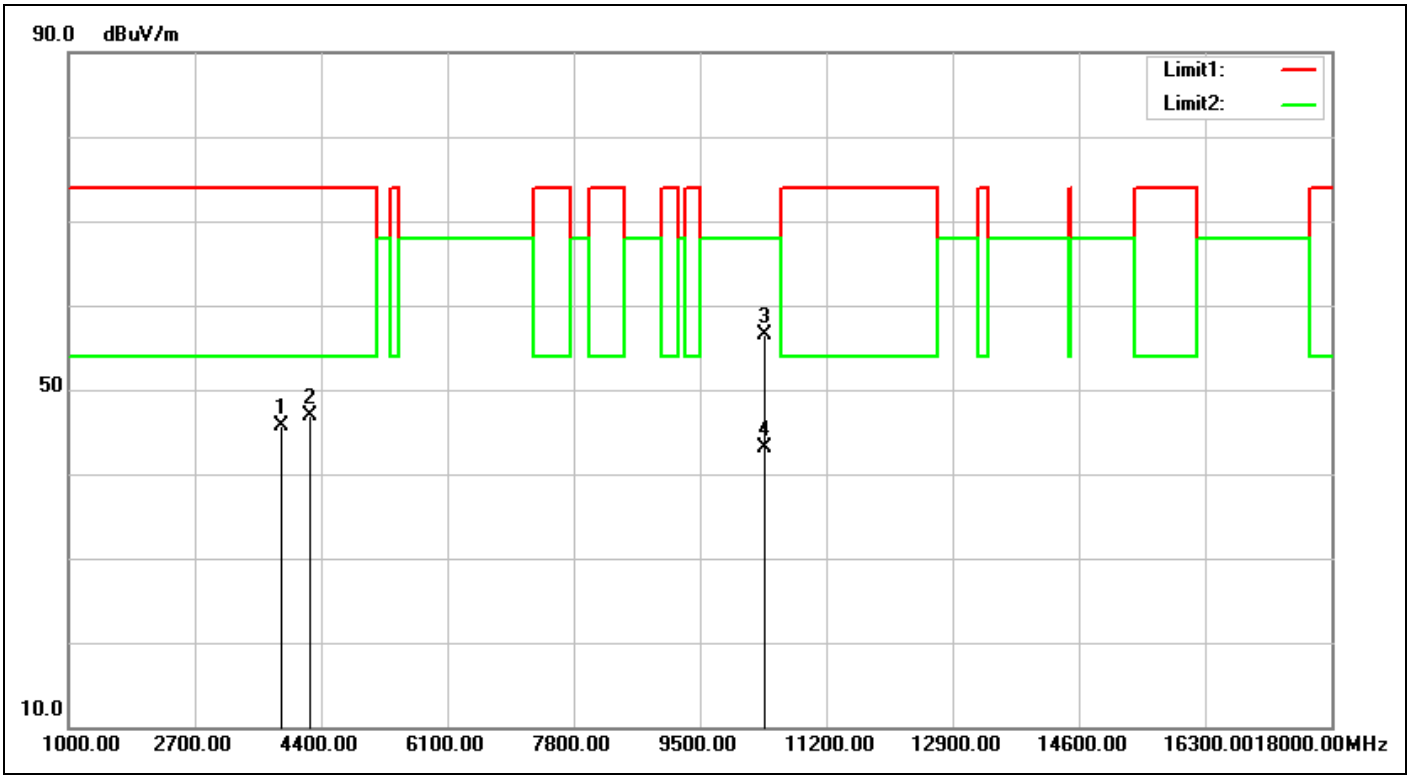
Channel 155(Vertical)



Date: 19.FEB.2019 22:25:25

Spurious Emissions, TX Mode, 1 GHz – 18 GHz

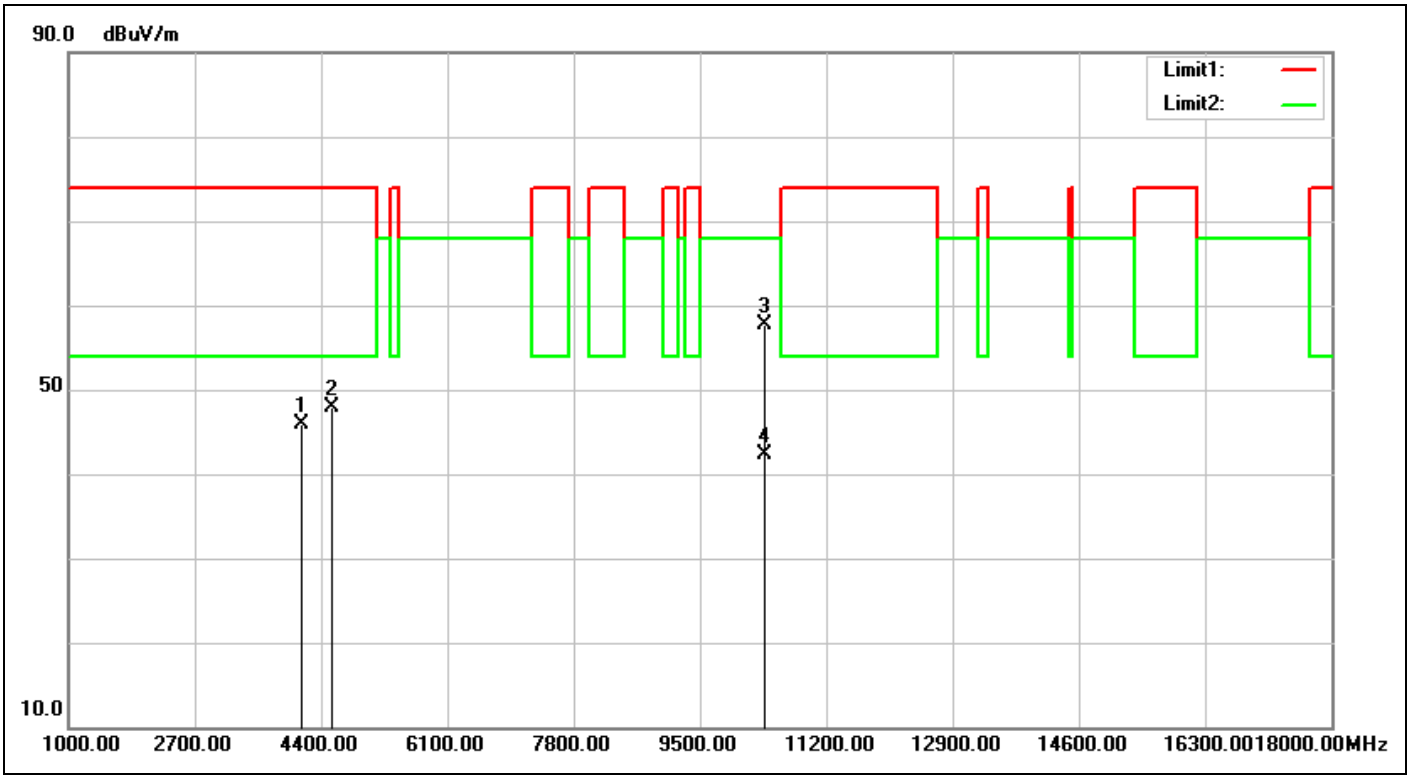
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/20 20:00:27**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**22(℃)/55%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5180-TX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	3873.000	-4.22	49.89	45.67	74.00	-28.33	peak	100	241	
2	4247.000	-3.01	49.88	46.87	74.00	-27.13	peak	100	316	
3	10360.000	5.69	50.79	56.48	68.00	-11.52	peak	100	334	
4	10360.000	5.69	37.47	43.16	68.00	-24.84	AVG	100	334	

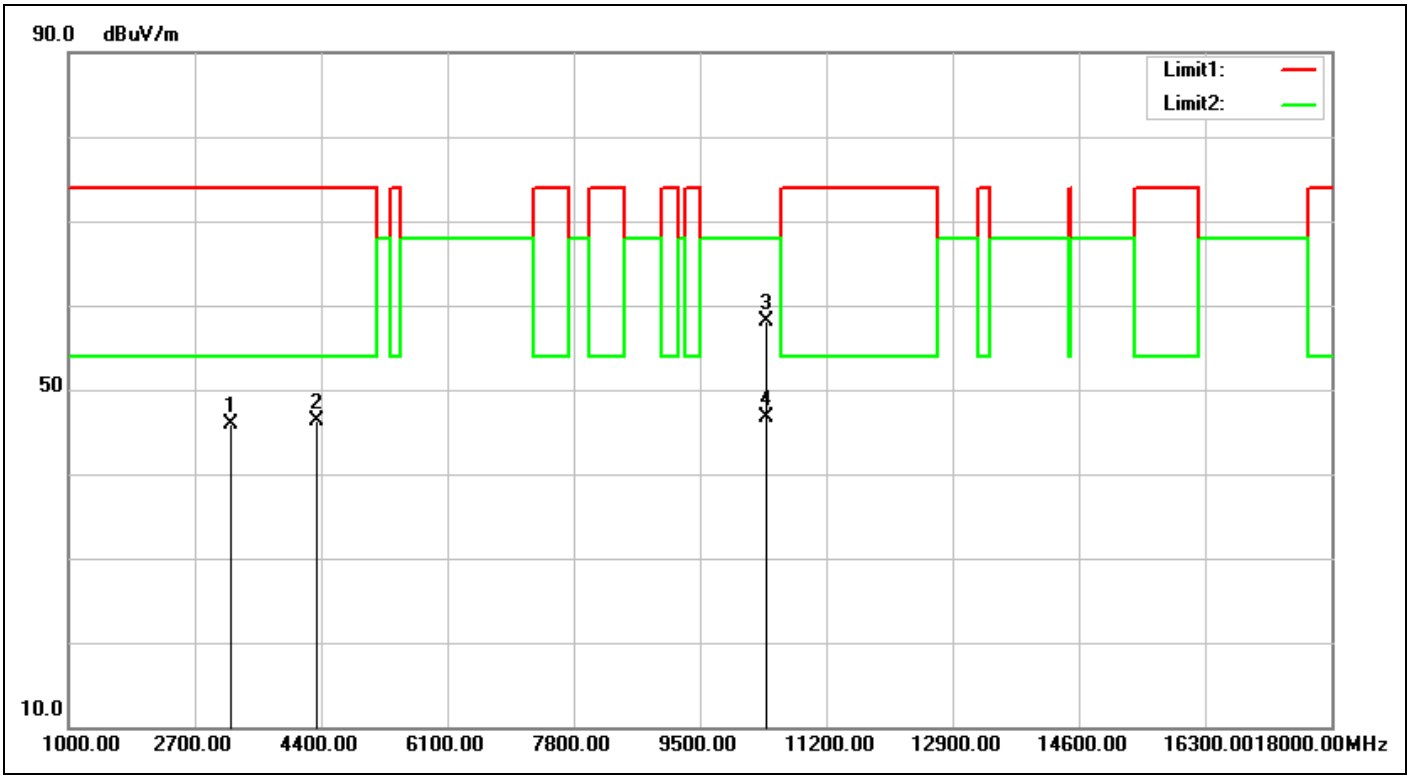
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/20 20:01:19**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**22(℃)/55%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5180-TX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	4145.000	-3.39	49.31	45.92	74.00	-28.08	peak	100	346	
2	4553.000	-2.01	49.89	47.88	74.00	-26.12	peak	100	85	
3	10360.000	5.69	51.98	57.67	68.00	-10.33	peak	100	336	
4	10360.000	5.69	36.54	42.23	68.00	-25.77	AVG	100	336	

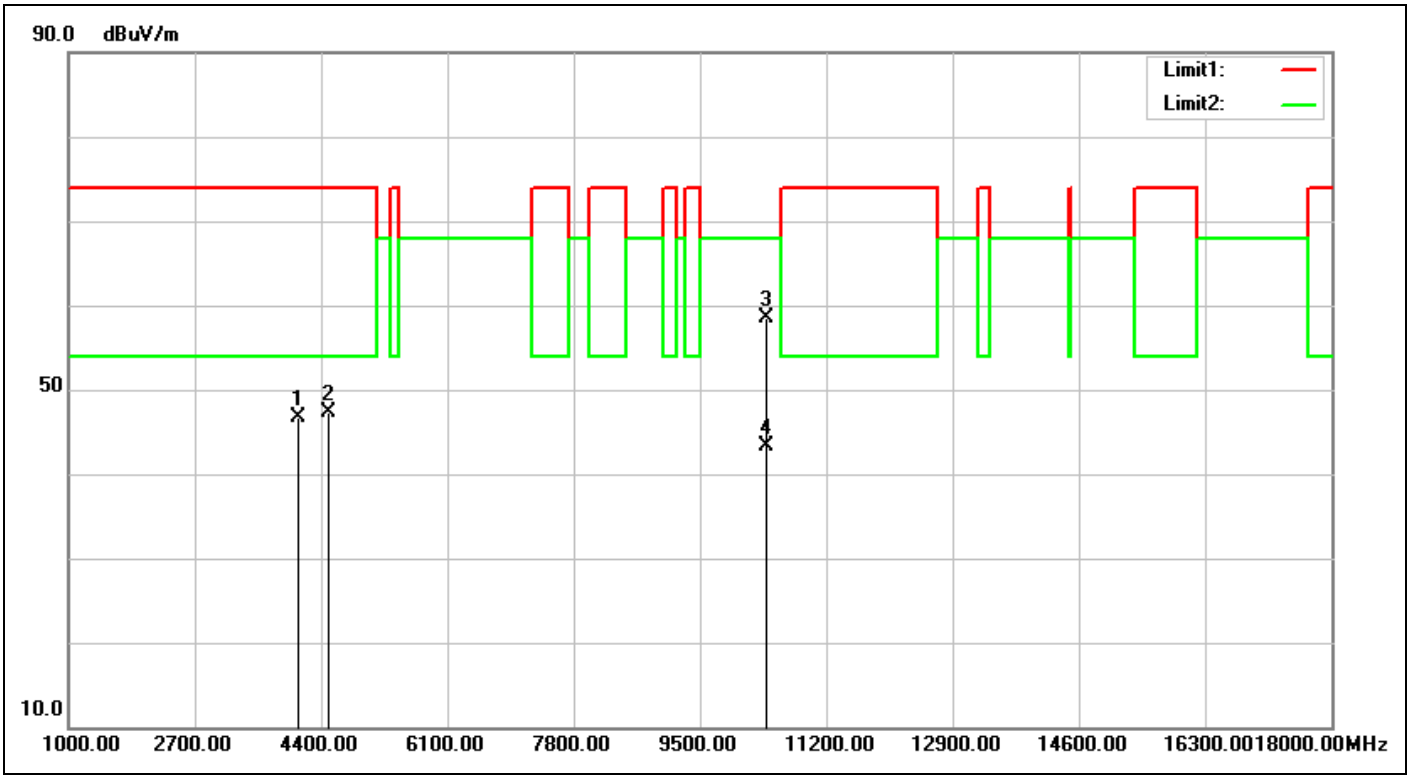
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/20 20:06:39**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**22(℃)/55%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5200-TX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	3193.000	-5.31	51.27	45.96	74.00	-28.04	peak	100	254	
2	4349.000	-2.63	48.93	46.30	74.00	-27.70	peak	100	196	
3	10400.000	5.60	52.53	58.13	68.00	-9.87	peak	100	360	
4	10400.000	5.60	41.01	46.61	68.00	-21.39	AVG	100	360	

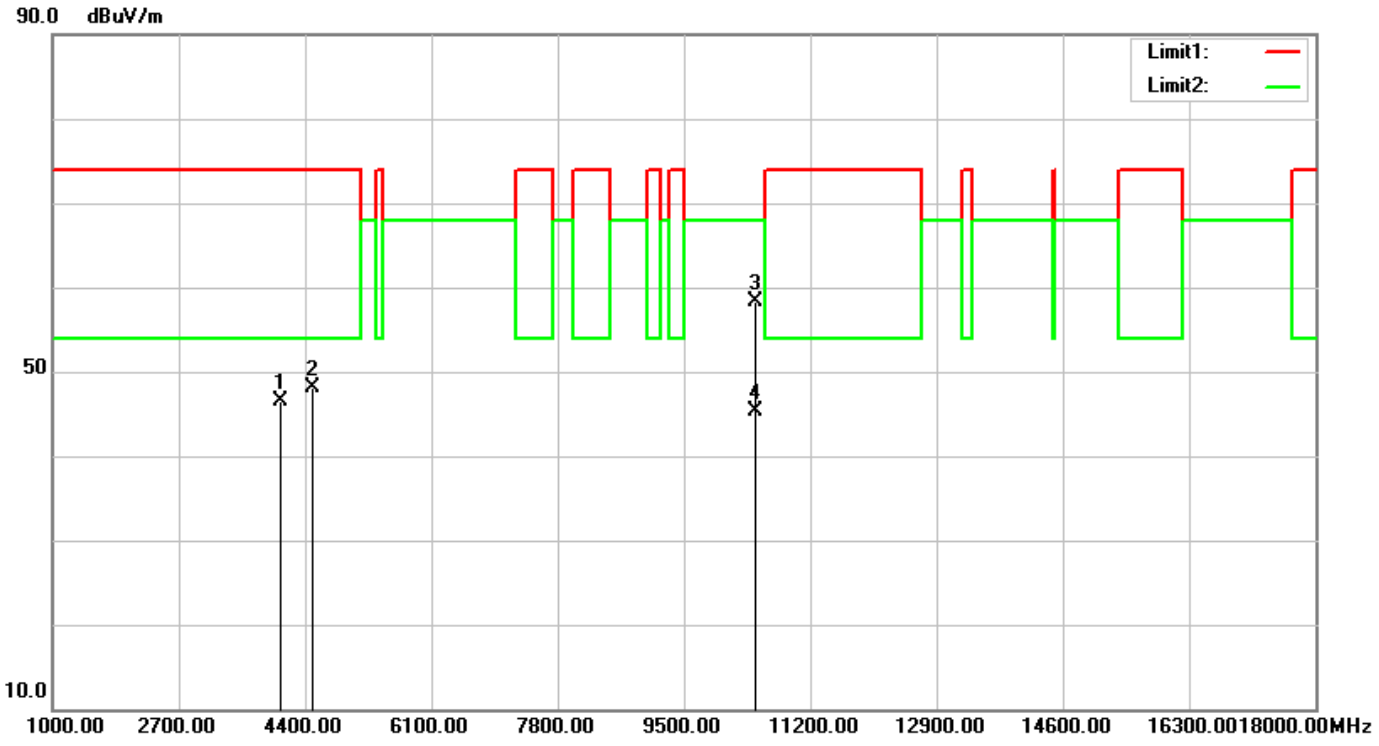
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/20 20:07:32**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**22(℃)/55%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5200-TX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	4094.000	-3.59	50.20	46.61	74.00	-27.39	peak	100	352	
2	4502.000	-2.08	49.43	47.35	74.00	-26.65	peak	100	208	
3	10400.000	5.60	52.93	58.53	68.00	-9.47	peak	100	205	
4	10400.000	5.60	37.65	43.25	68.00	-24.75	AVG	100	205	

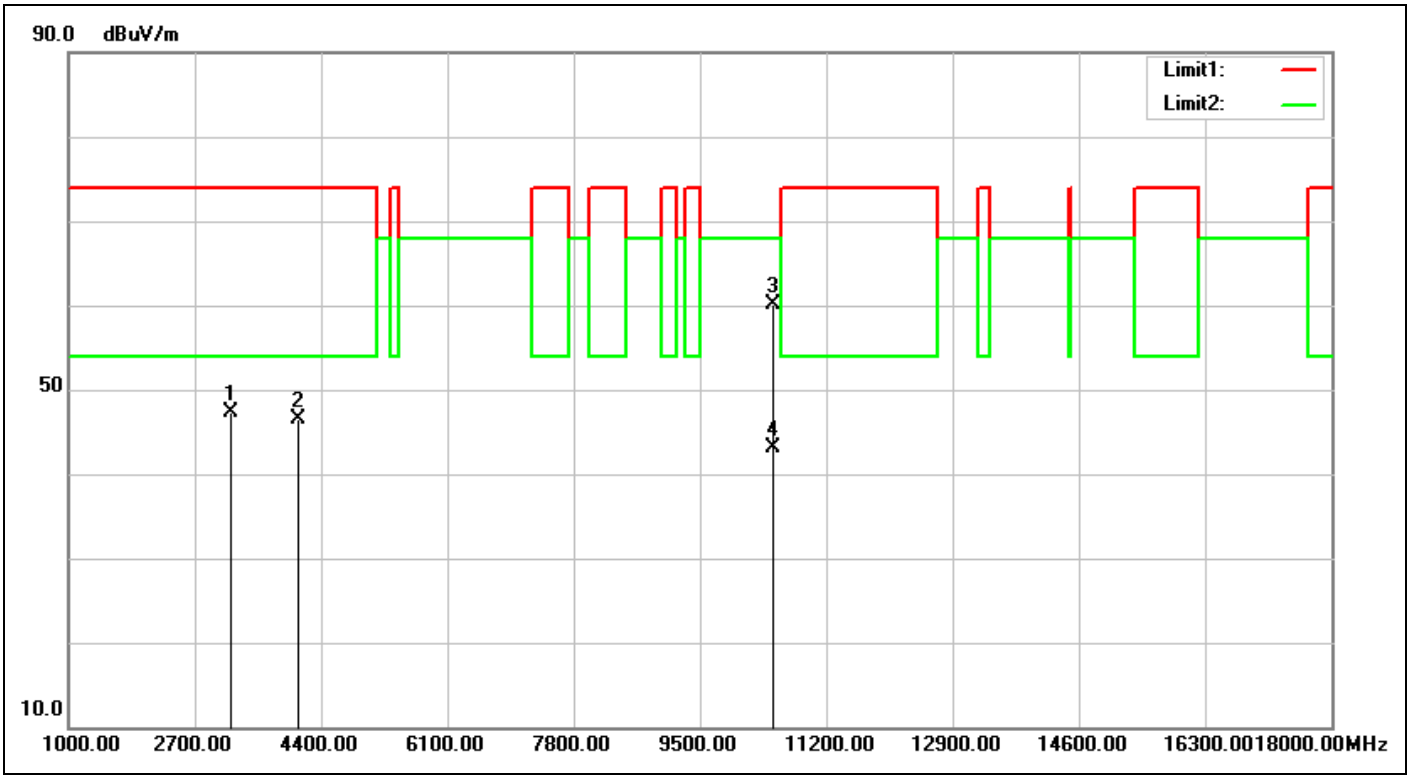
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/20 20:11:59**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**22(℃)/55%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5240-TX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	4060.000	-3.70	50.16	46.46	74.00	-27.54	peak	100	224	
2	4502.000	-2.08	50.10	48.02	74.00	-25.98	peak	100	22	
3	10480.000	5.42	52.94	58.36	68.00	-9.64	peak	100	350	
4	10480.000	5.42	39.83	45.25	68.00	-22.75	AVG	100	350	

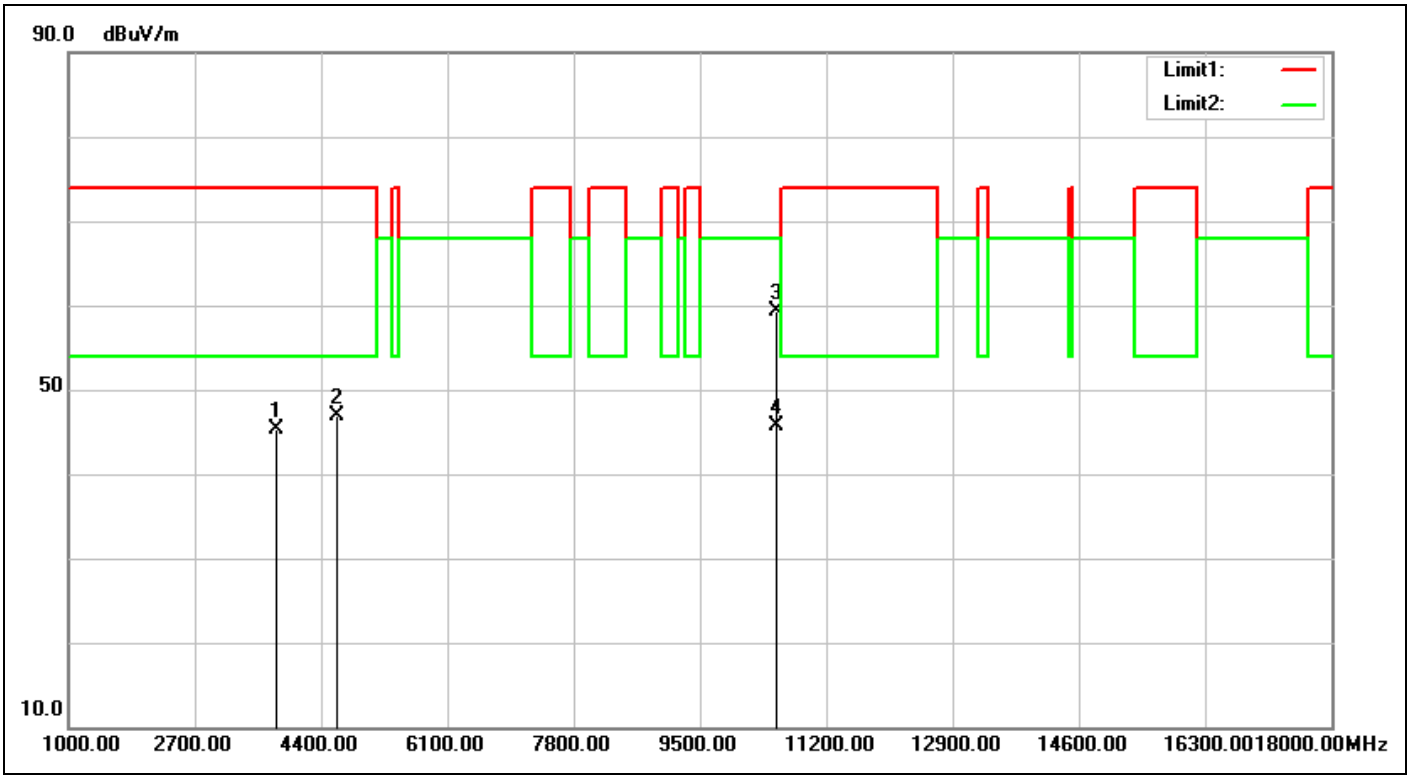
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/20 20:12:51**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**22(℃)/55%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5240-TX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	3193.000	-5.31	52.70	47.39	74.00	-26.61	peak	100	13	
2	4094.000	-3.59	50.15	46.56	74.00	-27.44	peak	100	167	
3	10480.000	5.42	54.75	60.17	68.00	-7.83	peak	100	75	
4	10480.000	5.42	37.75	43.17	68.00	-24.83	AVG	100	75	

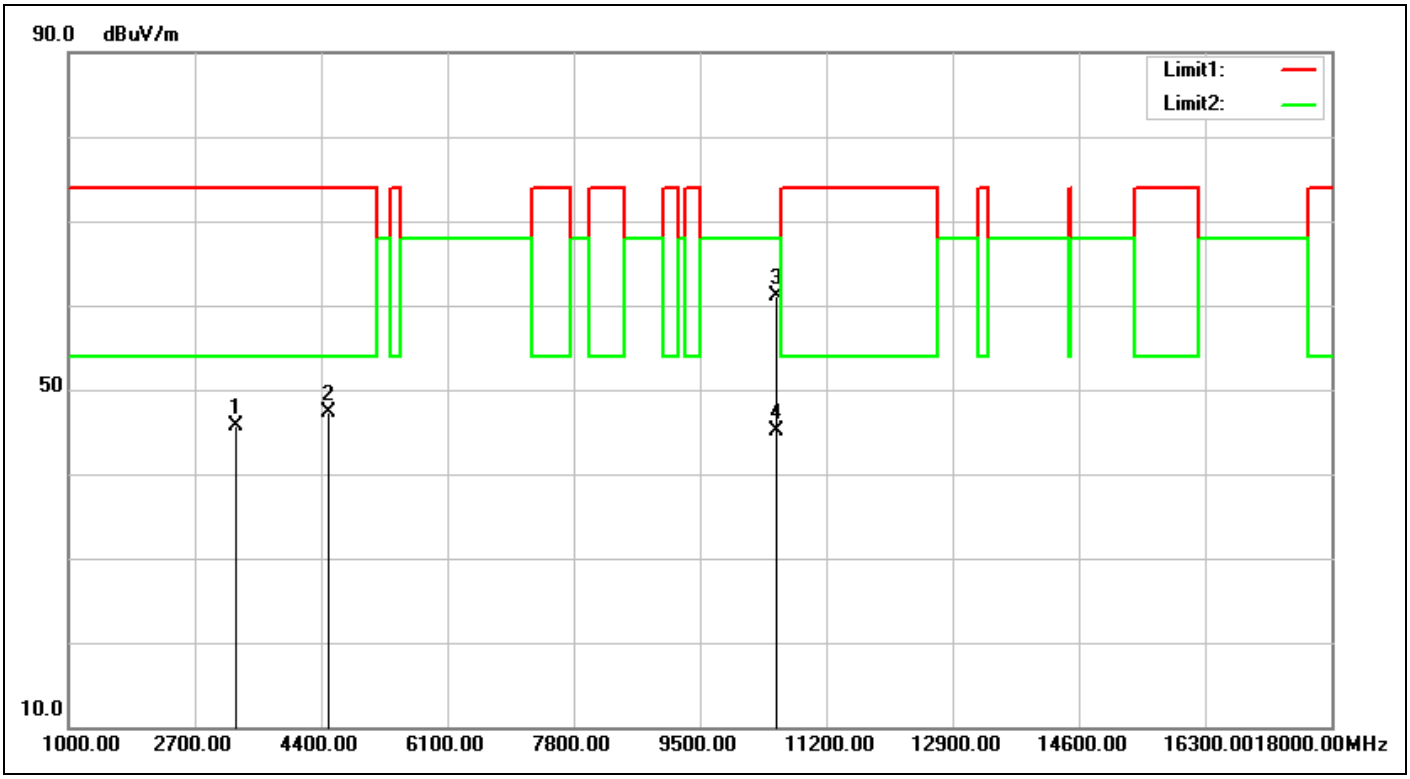
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/20 20:50:25**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**22(℃)/55%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5260-TX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	3788.000	-4.42	49.66	45.24	74.00	-28.76	peak	100	227	
2	4621.000	-1.91	48.90	46.99	74.00	-27.01	peak	100	217	
3	10520.000	5.37	53.93	59.30	68.00	-8.70	peak	100	199	
4	10520.000	5.37	40.25	45.62	68.00	-22.38	AVG	100	199	

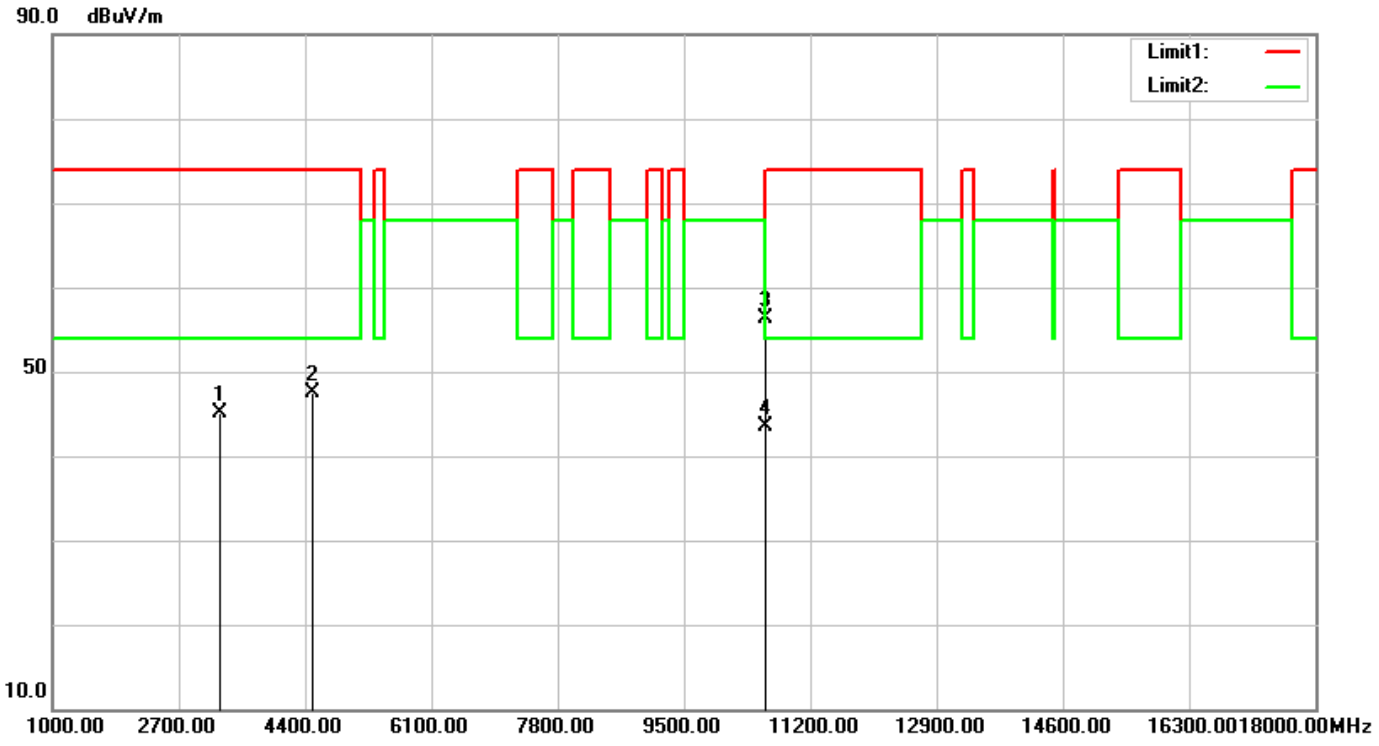
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/20 20:51:18**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**22(℃)/55%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5260-TX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	3244.000	-5.27	50.98	45.71	74.00	-28.29	peak	100	263	
2	4502.000	-2.08	49.43	47.35	74.00	-26.65	peak	100	140	
3	10520.000	5.37	55.65	61.02	68.00	-6.98	peak	100	198	
4	10520.000	5.37	39.83	45.20	68.00	-22.80	AVG	100	198	

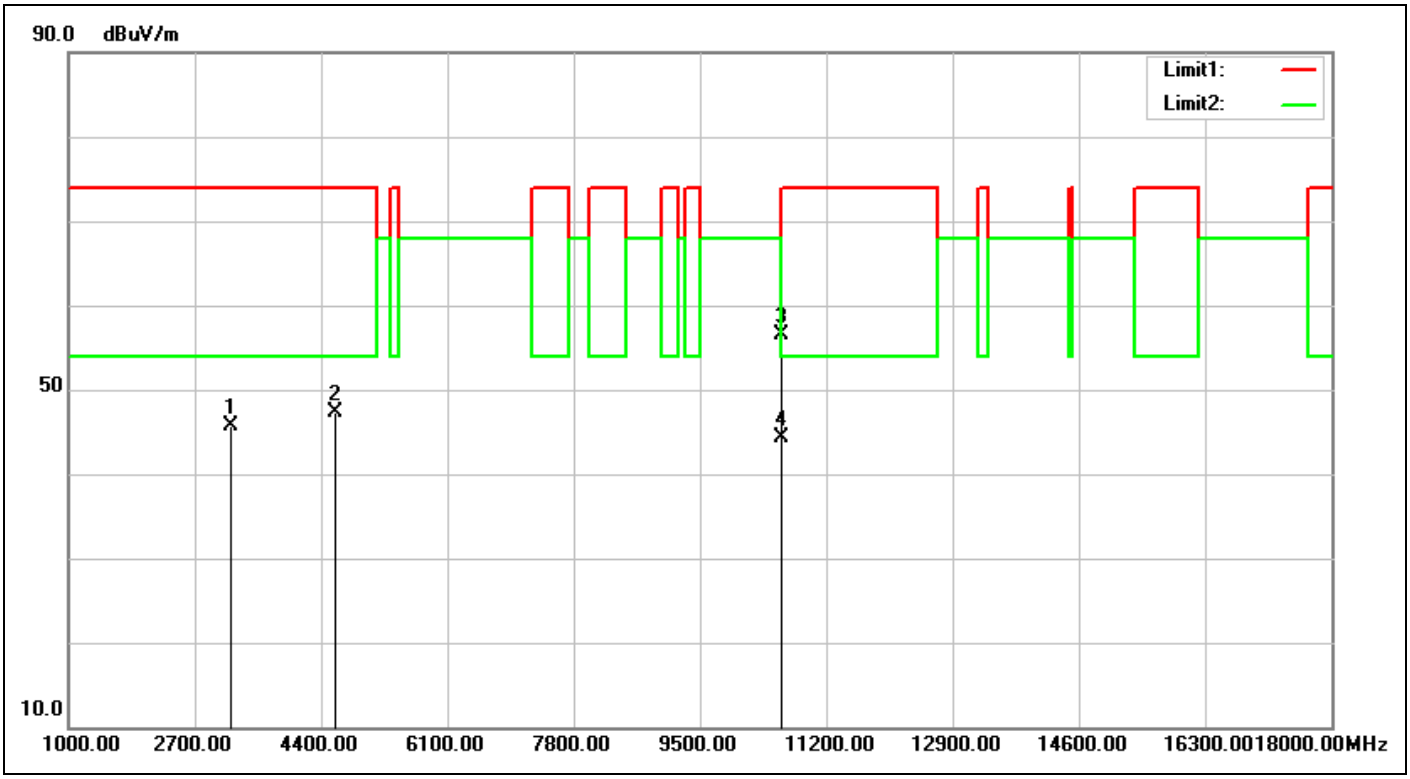
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/20 20:54:26**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**22(℃)/55%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5300-TX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	3261.000	-5.25	50.37	45.12	74.00	-28.88	peak	100	49	
2	4502.000	-2.08	49.51	47.43	74.00	-26.57	peak	100	244	
3	10600.000	5.28	50.93	56.21	68.00	-11.79	peak	100	343	
4	10600.000	5.28	38.21	43.49	54.00	-10.51	AVG	100	343	

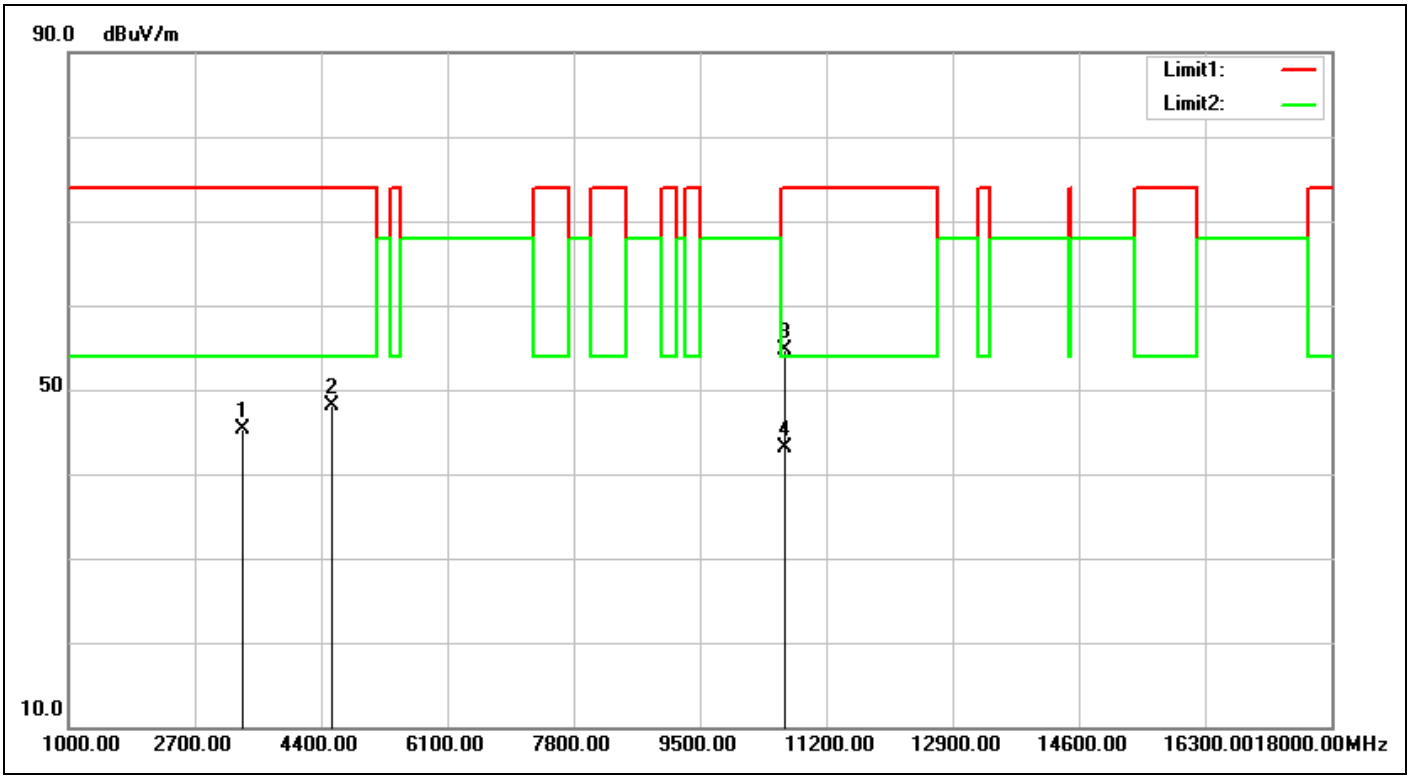
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/20 20:55:18**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**22(℃)/55%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5300-TX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	3193.000	-5.31	50.93	45.62	74.00	-28.38	peak	100	212	
2	4587.000	-1.96	49.29	47.33	74.00	-26.67	peak	100	294	
3	10600.000	5.28	51.19	56.47	68.00	-11.53	peak	100	199	
4	10600.000	5.28	38.97	44.25	54.00	-9.75	AVG	100	199	

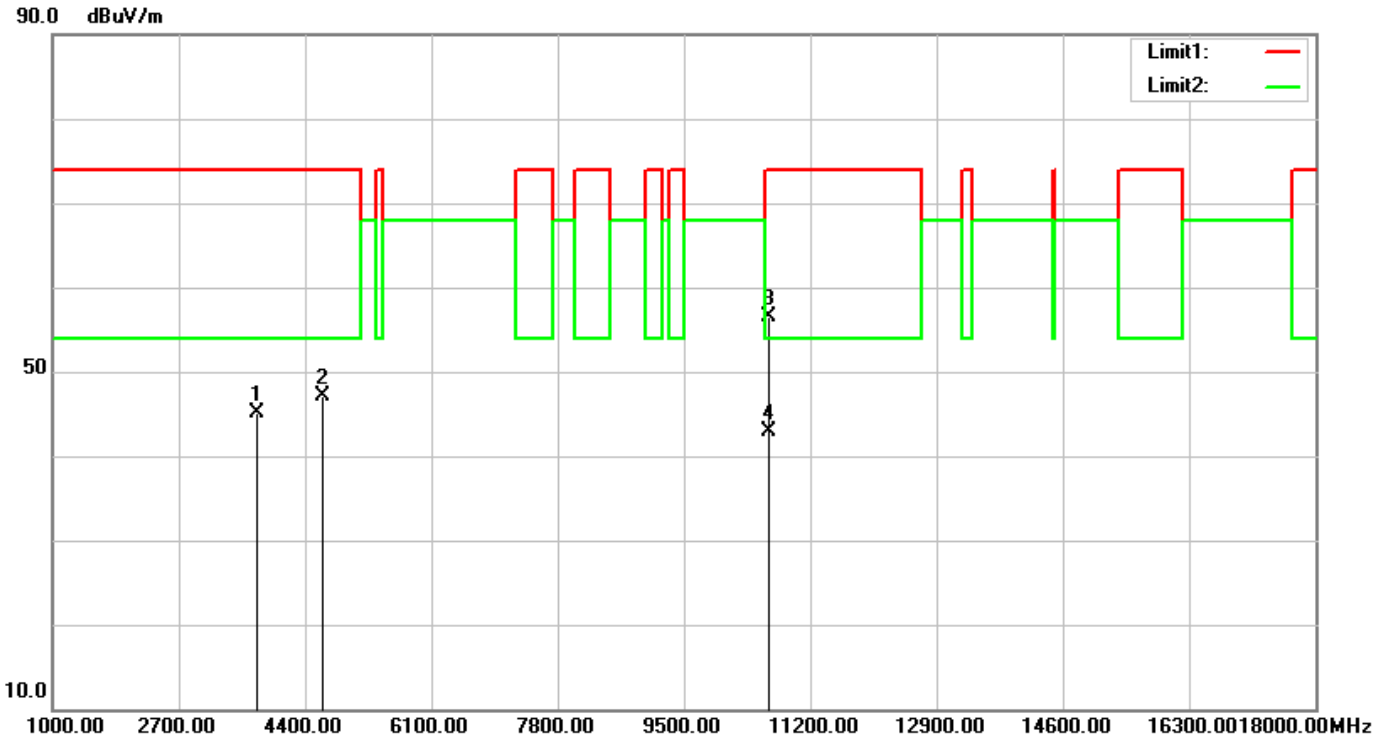
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/20 21:00:58**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**22(℃)/55%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5320-TX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	3346.000	-5.19	50.49	45.30	74.00	-28.70	peak	100	1	
2	4553.000	-2.01	50.14	48.13	74.00	-25.87	peak	100	312	
3	10640.000	5.24	49.50	54.74	74.00	-19.26	peak	100	339	
4	10640.000	5.24	37.81	43.05	54.00	-10.95	AVG	100	339	

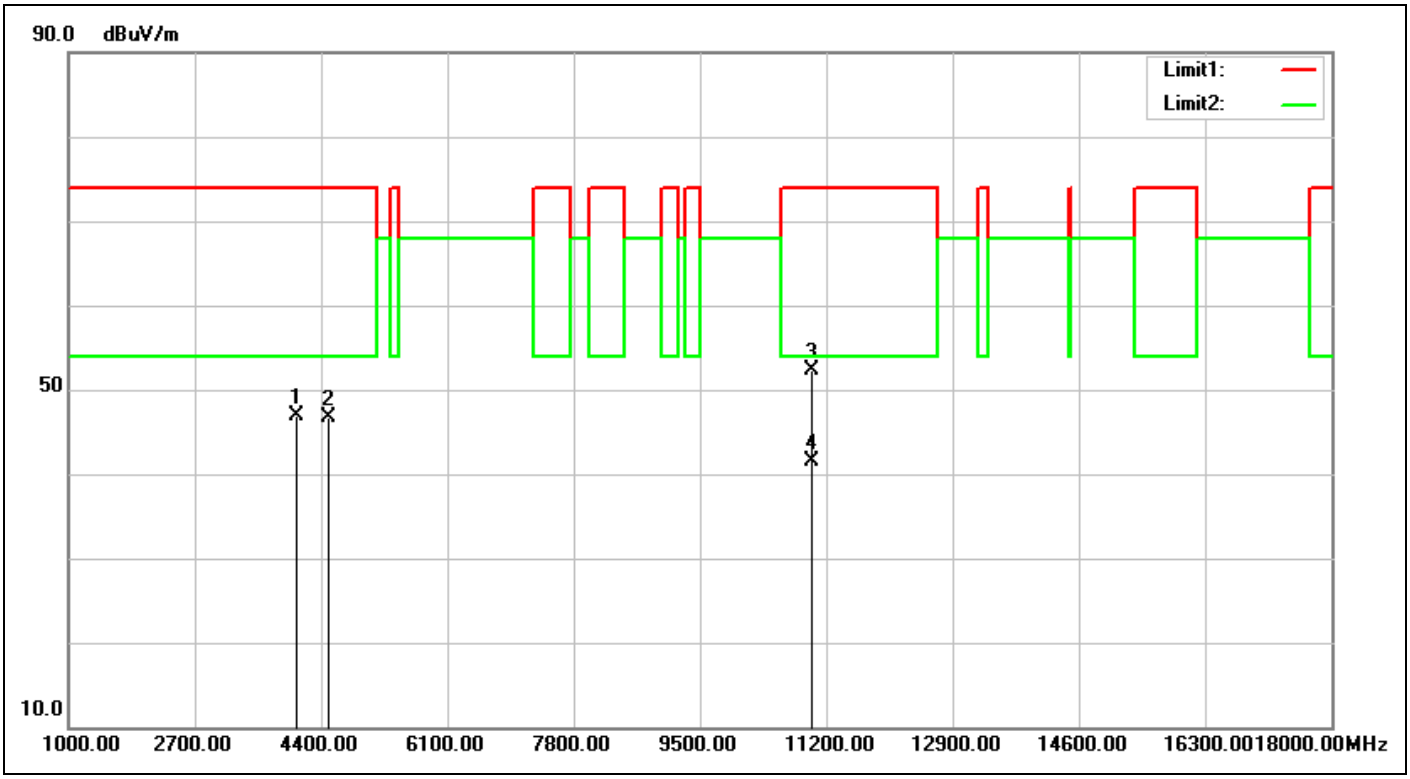
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/20 21:01:51**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**22(℃)/55%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5320-TX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	3754.000	-4.48	49.50	45.02	74.00	-28.98	peak	100	134	
2	4638.000	-1.88	48.95	47.07	74.00	-26.93	peak	100	72	
3	10640.000	5.24	51.26	56.50	74.00	-17.50	peak	100	65	
4	10640.000	5.24	37.66	42.90	54.00	-11.10	AVG	100	65	

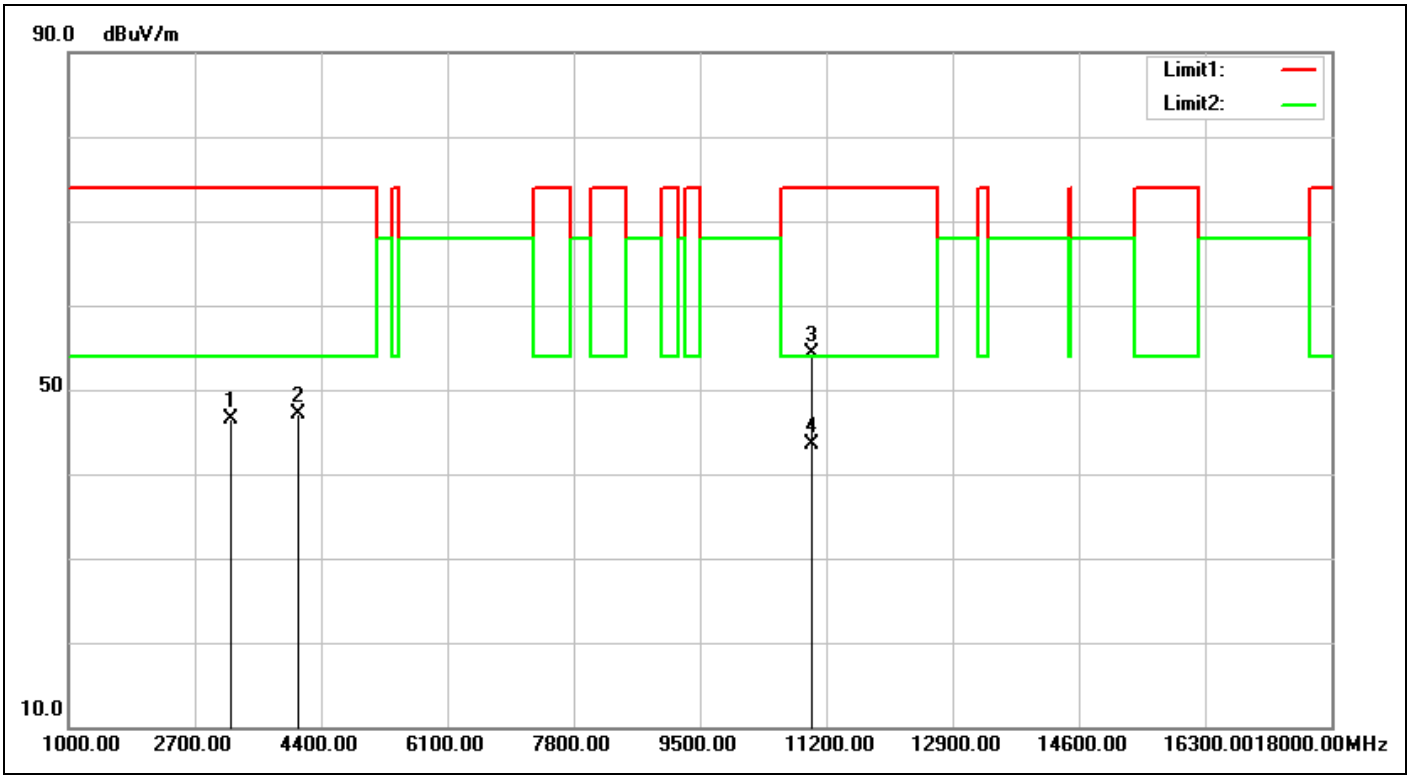
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/20 21:40:48**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**22(℃)/55%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5500-TX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	4077.000	-3.65	50.64	46.99	74.00	-27.01	peak	100	240	
2	4502.000	-2.08	48.85	46.77	74.00	-27.23	peak	100	15	
3	11000.000	4.87	47.41	52.28	74.00	-21.72	peak	100	200	
4	11000.000	4.87	36.64	41.51	54.00	-12.49	AVG	100	200	

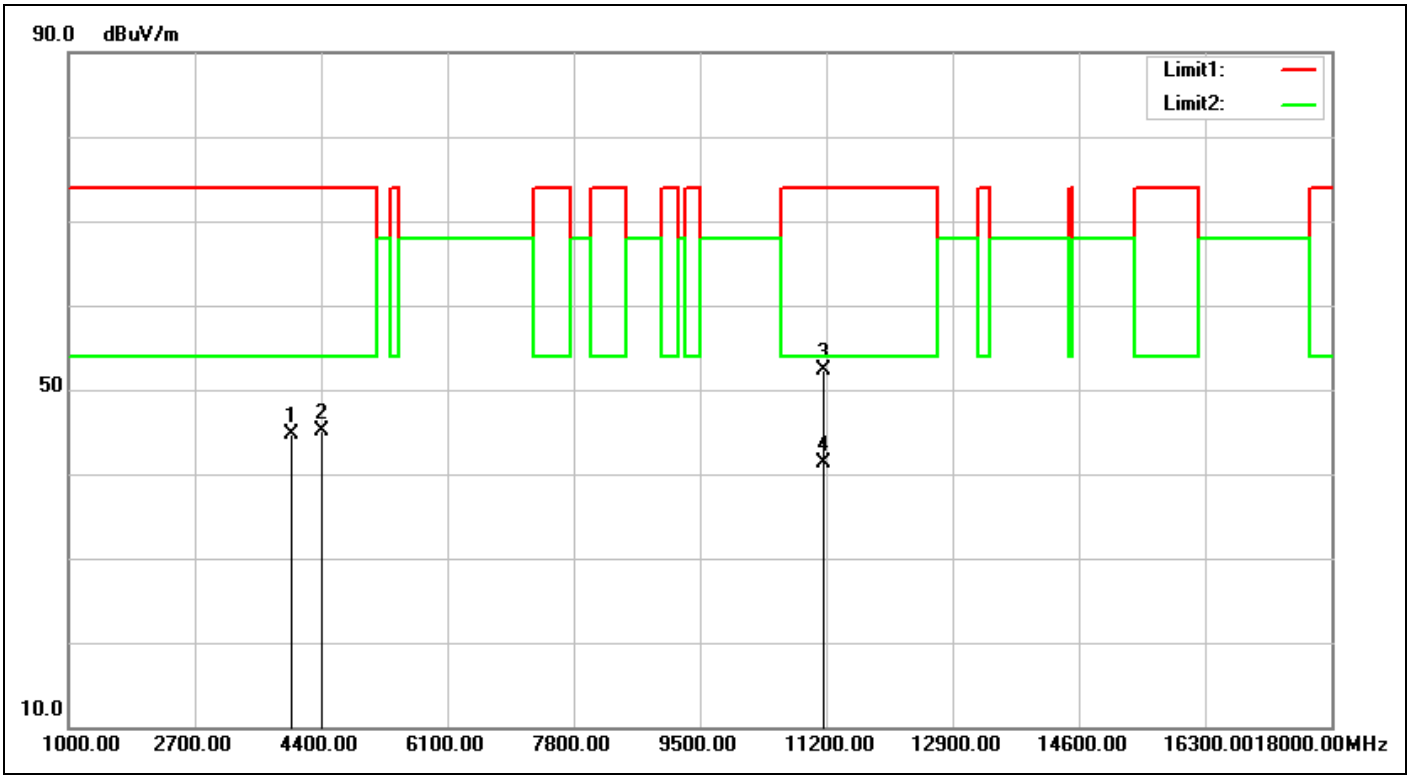
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/20 21:41:41**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**22(℃)/55%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5500-TX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	3176.000	-5.32	51.84	46.52	74.00	-27.48	peak	100	13	
2	4094.000	-3.59	50.60	47.01	74.00	-26.99	peak	100	20	
3	11000.000	4.87	49.45	54.32	74.00	-19.68	peak	100	338	
4	11000.000	4.87	38.67	43.54	54.00	-10.46	AVG	100	338	

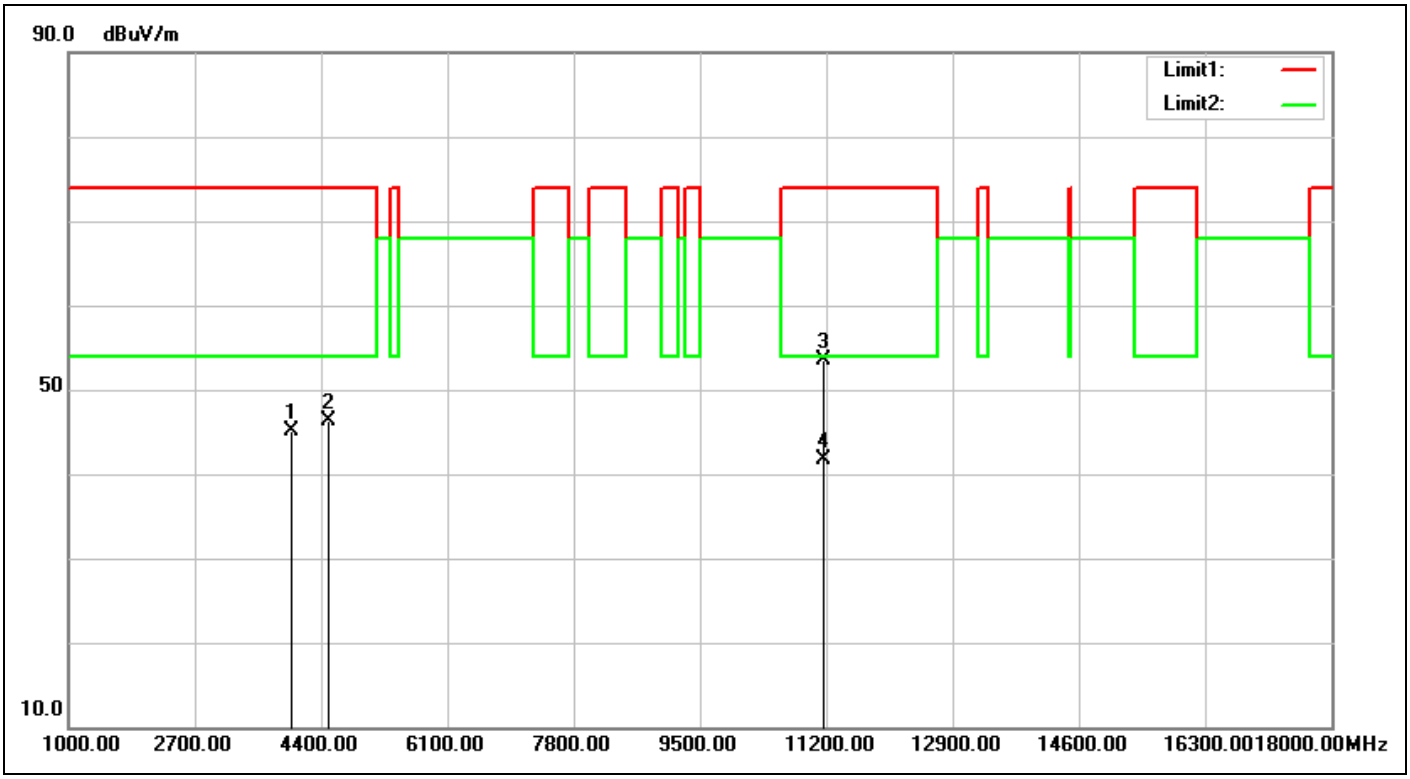
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/20 21:45:25**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**22(℃)/55%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5580-TX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	4009.000	-3.90	48.54	44.64	74.00	-29.36	peak	100	89	
2	4417.000	-2.39	47.43	45.04	74.00	-28.96	peak	100	336	
3	11160.000	5.01	47.35	52.36	74.00	-21.64	peak	100	209	
4	11160.000	5.01	36.32	41.33	54.00	-12.67	AVG	100	209	

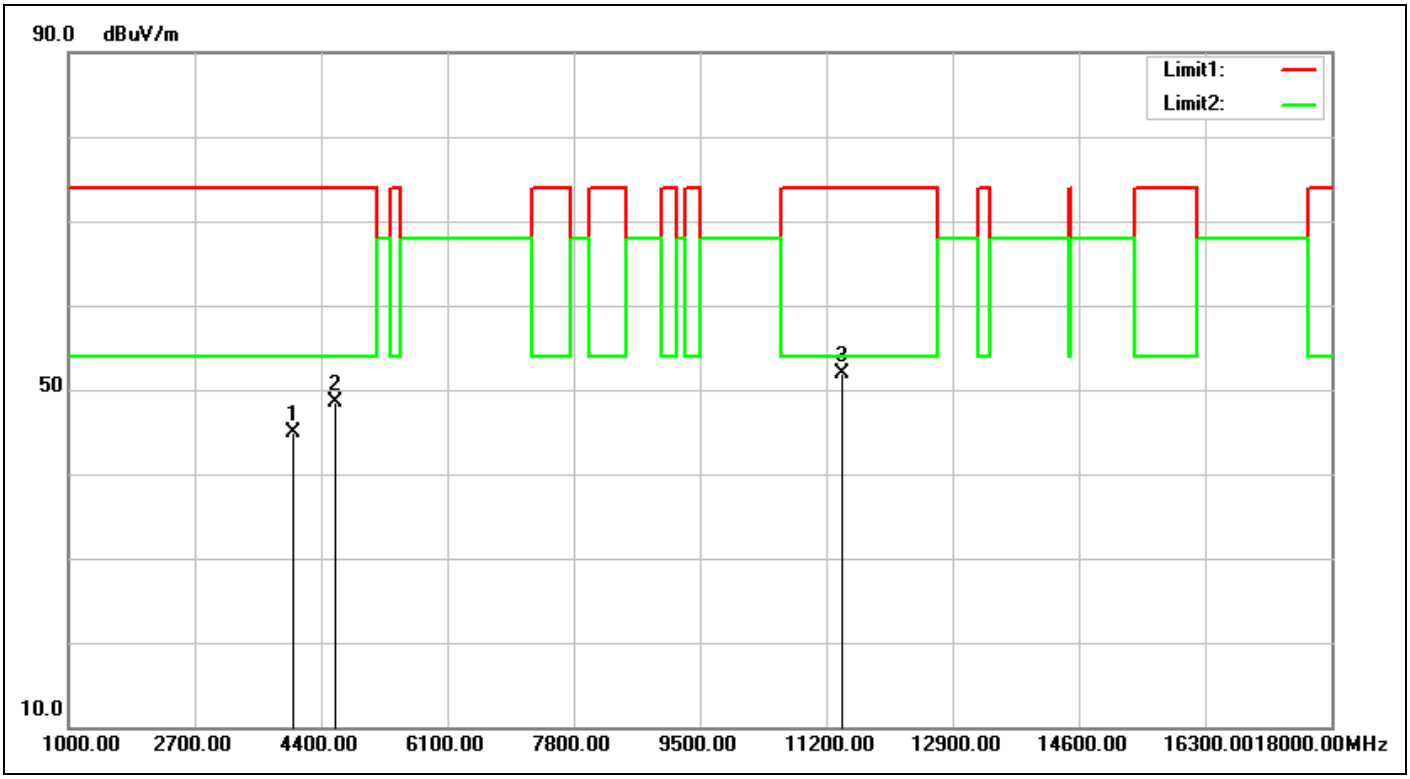
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/20 21:46:17**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**22(℃)/55%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5580-TX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	4009.000	-3.90	48.94	45.04	74.00	-28.96	peak	100	174	
2	4502.000	-2.08	48.41	46.33	74.00	-27.67	peak	100	191	
3	11160.000	5.01	48.41	53.42	74.00	-20.58	peak	100	208	
4	11160.000	5.01	36.70	41.71	54.00	-12.29	AVG	100	208	

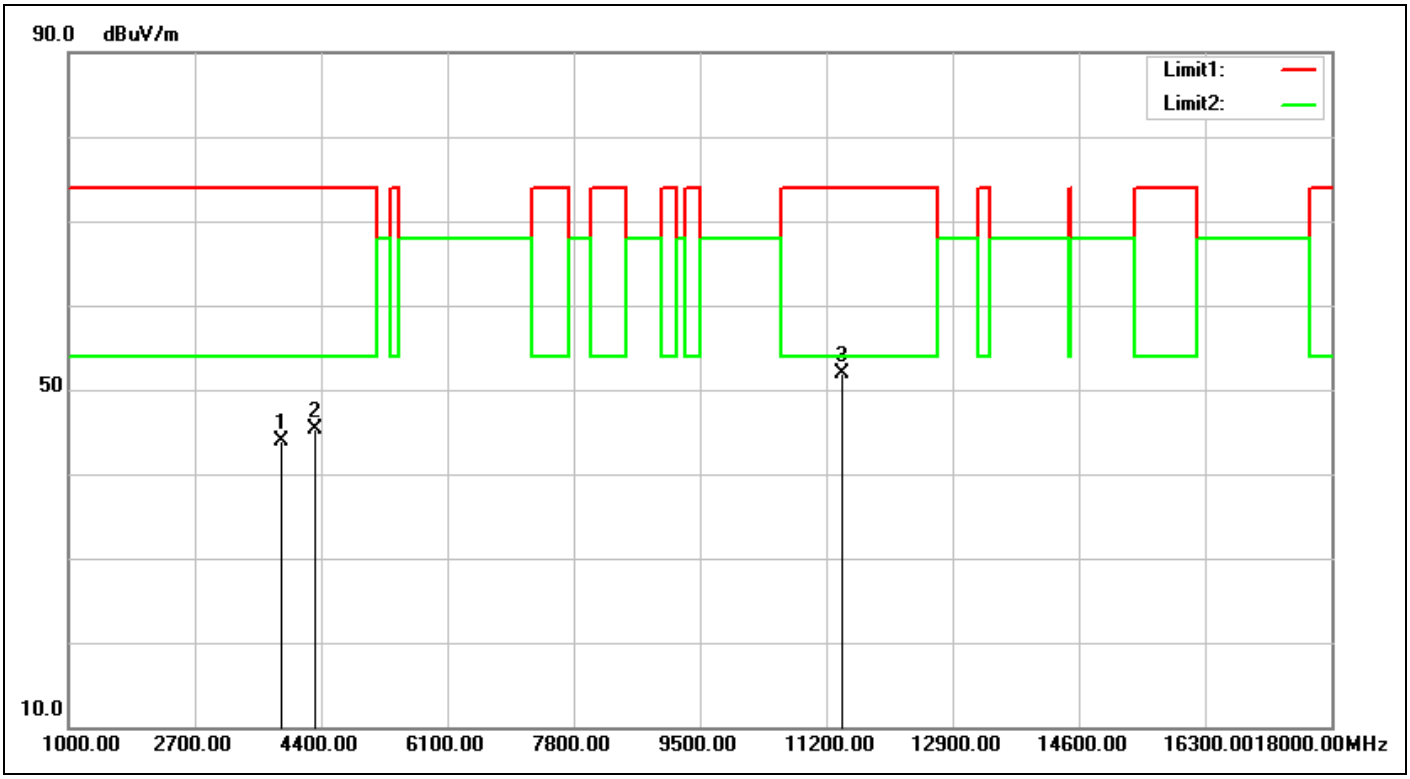
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/20 21:49:49**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**22(℃)/55%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5700-TX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	4026.000	-3.83	48.83	45.00	74.00	-29.00	peak	100	315	
2	4587.000	-1.96	50.43	48.47	74.00	-25.53	peak	100	5	
3	11400.000	5.23	46.74	51.97	74.00	-22.03	peak	100	45	

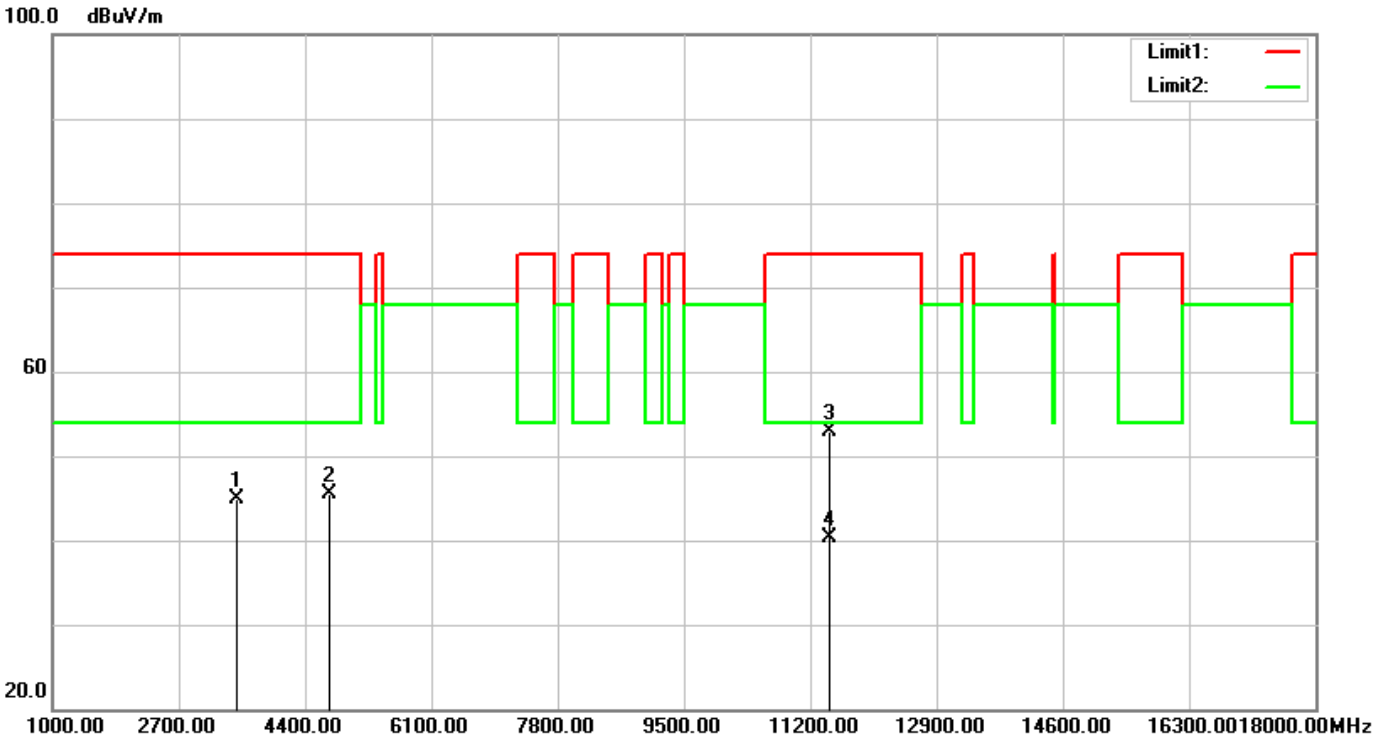
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/20 21:50:42**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**22(℃)/55%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5700-TX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	3873.000	-4.22	48.19	43.97	74.00	-30.03	peak	100	0	
2	4315.000	-2.77	48.14	45.37	74.00	-28.63	peak	100	229	
3	11400.000	5.23	46.73	51.96	74.00	-22.04	peak	100	253	

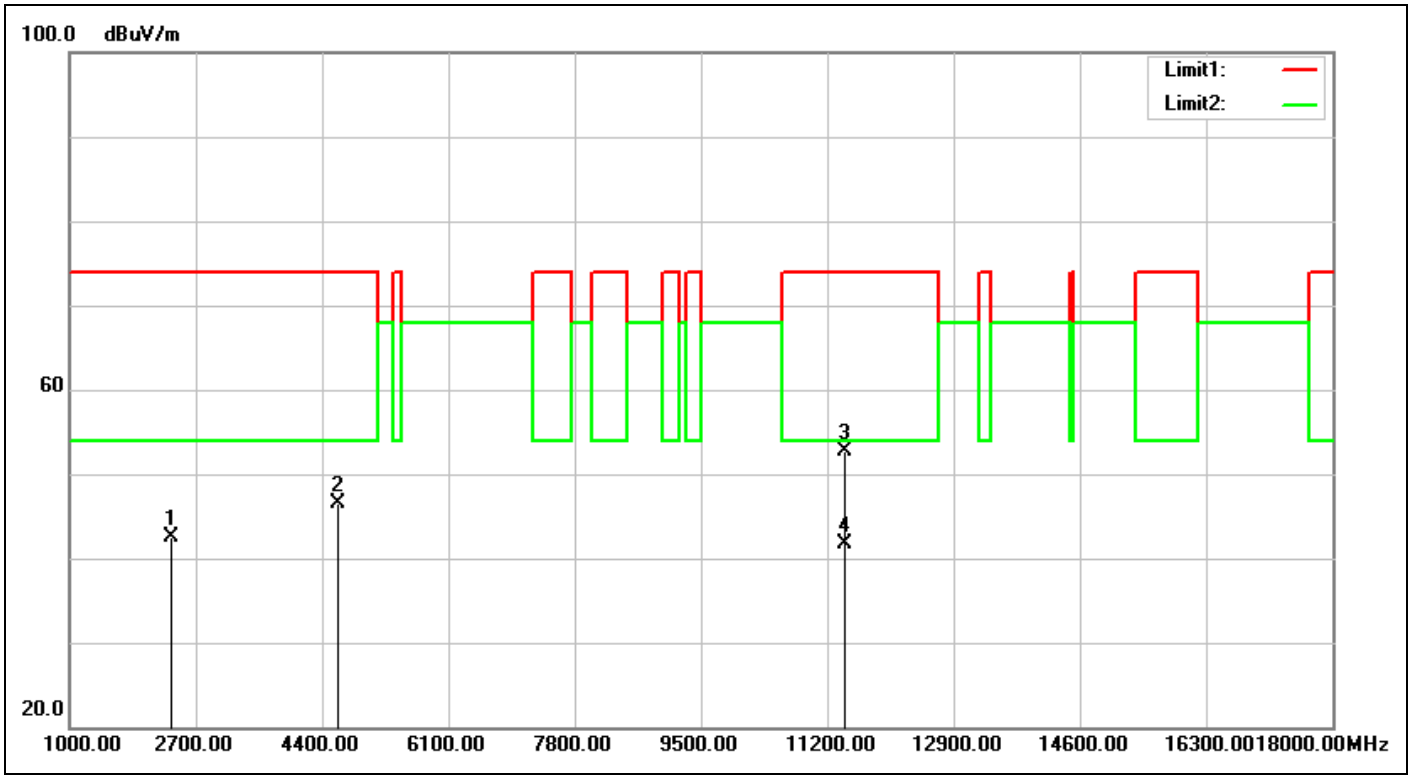
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 09:37:31**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5720-TX-setting : 20**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	3482.000	-5.08	49.89	44.81	74.00	-29.19	peak	100	82	
2	4723.000	-1.77	47.26	45.49	74.00	-28.51	peak	100	10	
3	11440.000	5.28	47.62	52.90	74.00	-21.10	peak	100	358	
4	11440.000	5.28	35.11	40.39	54.00	-13.61	AVG	100	358	

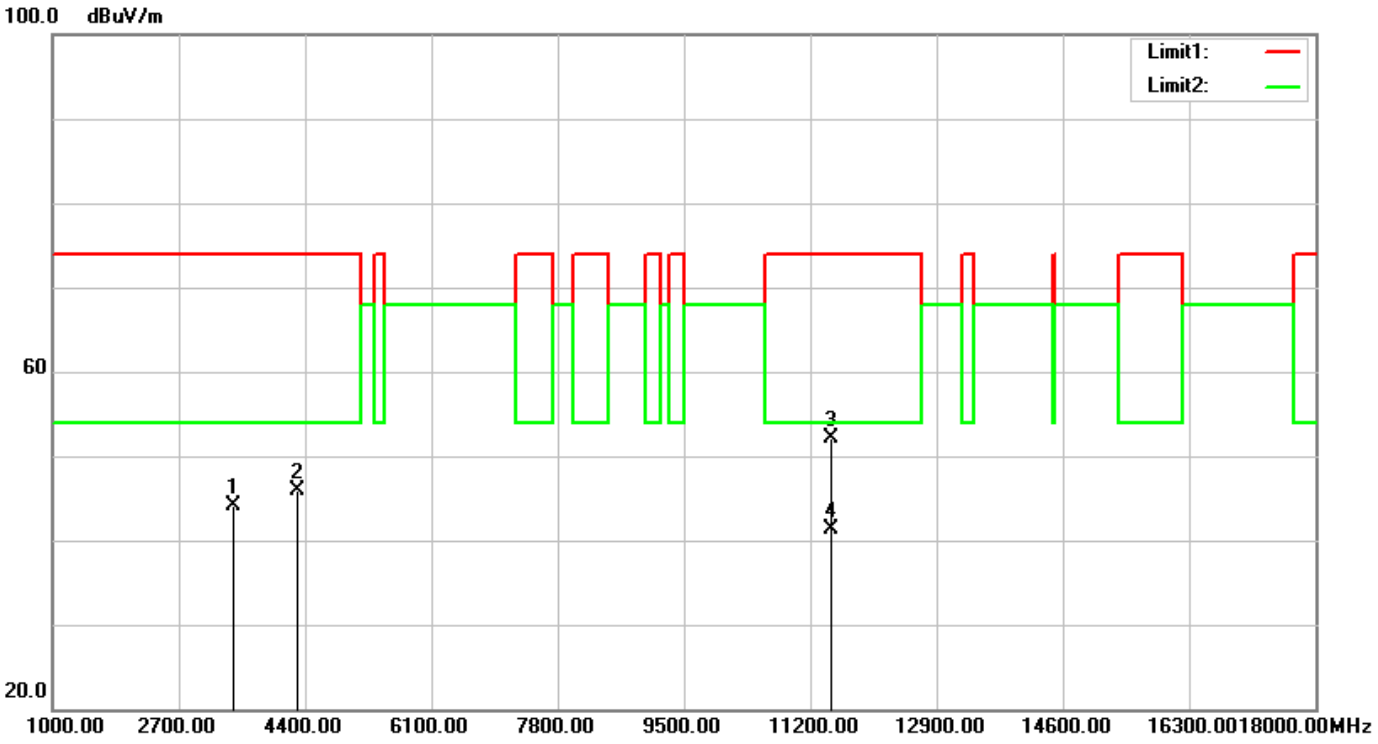
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 09:38:23**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5720-TX-setting : 20**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	2377.000	-6.32	48.84	42.52	74.00	-31.48	peak	100	223	
2	4621.000	-1.91	48.45	46.54	74.00	-27.46	peak	100	90	
3	11440.000	5.28	47.34	52.62	74.00	-21.38	peak	100	355	
4	11440.000	5.28	36.33	41.61	54.00	-12.39	AVG	100	355	

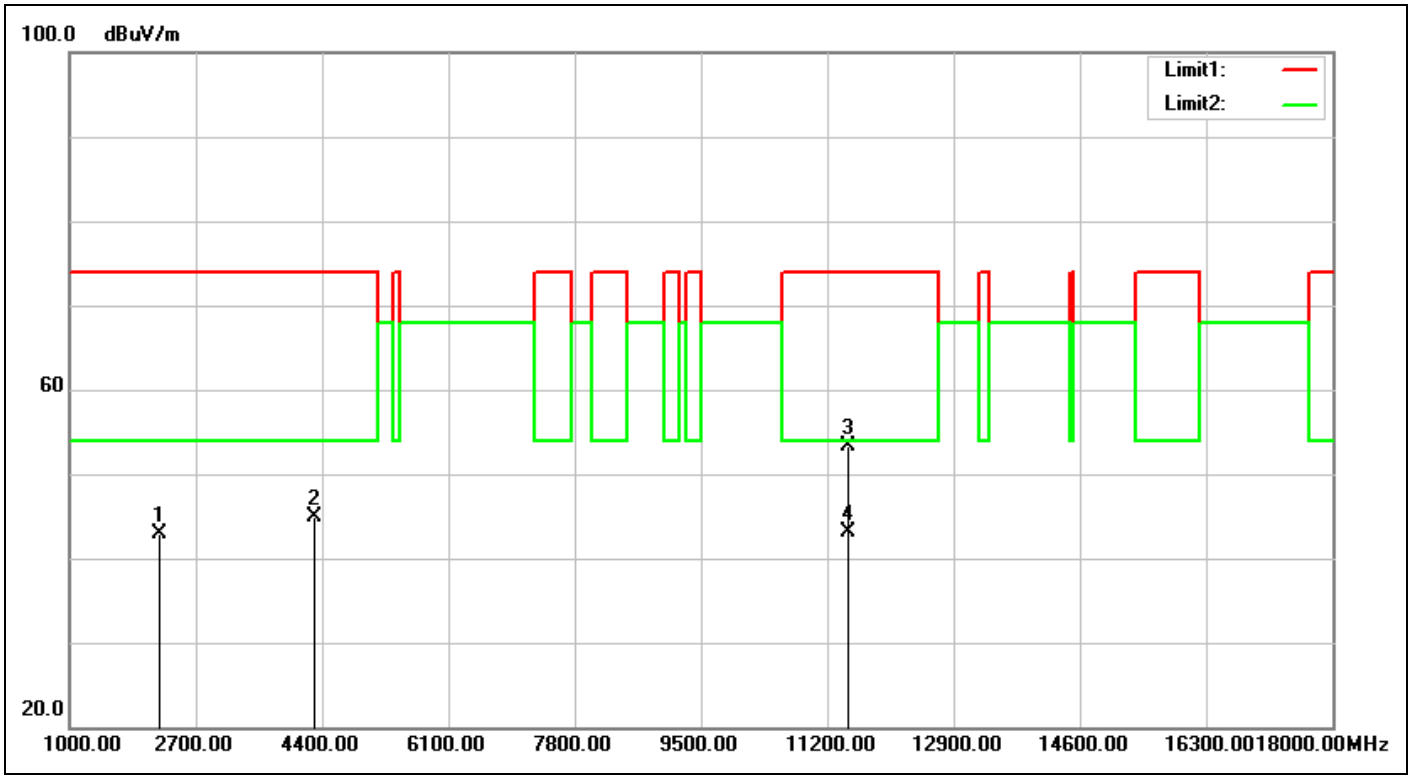
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 08:47:53**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5745-TX-setting : 20**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	3431.000	-5.12	49.31	44.19	74.00	-29.81	peak	100	64	
2	4298.000	-2.83	48.66	45.83	74.00	-28.17	peak	100	233	
3	11490.000	5.33	46.81	52.14	74.00	-21.86	peak	100	302	
4	11490.000	5.33	35.99	41.32	54.00	-12.68	AVG	100	302	

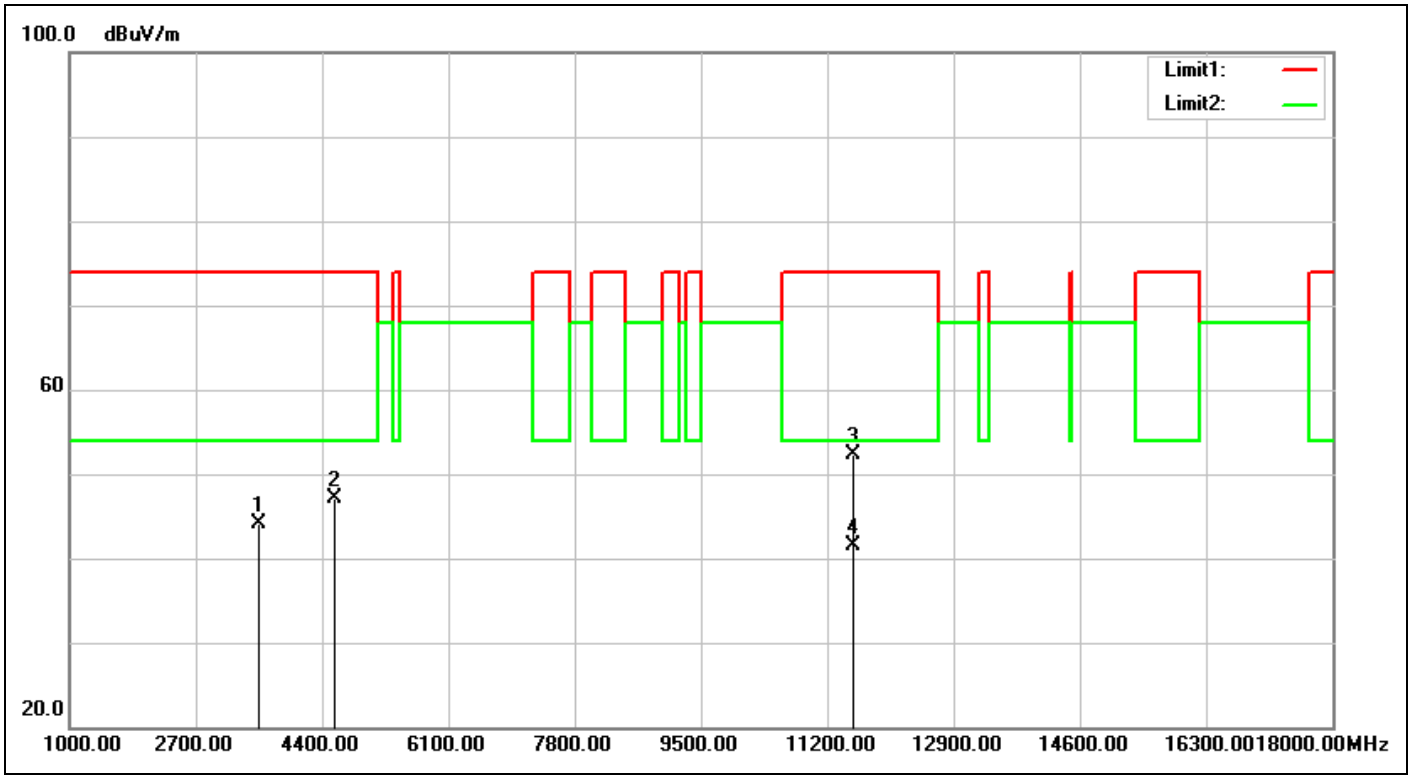
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 08:48:45**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5745-TX-setting : 20**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	2207.000	-6.34	49.22	42.88	74.00	-31.12	peak	100	1	
2	4298.000	-2.83	47.71	44.88	74.00	-29.12	peak	100	310	
3	11490.000	5.33	47.91	53.24	74.00	-20.76	peak	100	45	
4	11490.000	5.33	37.83	43.16	54.00	-10.84	AVG	100	186	

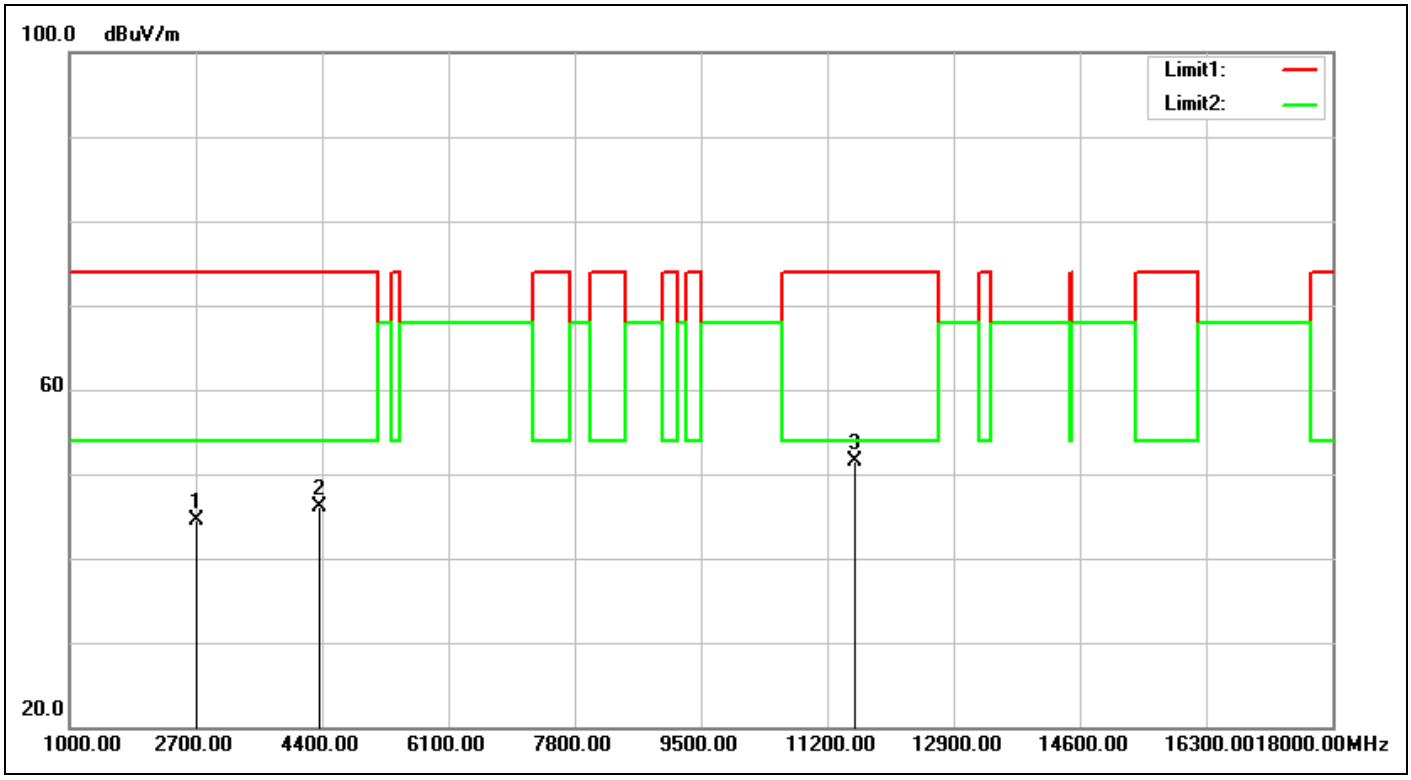
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 08:53:30**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5785-TX-setting : 1E**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	3550.000	-4.96	49.16	44.20	74.00	-29.80	peak	100	340	
2	4570.000	-1.98	49.15	47.17	74.00	-26.83	peak	100	54	
3	11570.000	5.59	46.67	52.26	74.00	-21.74	peak	100	89	
4	11570.000	5.59	35.91	41.50	54.00	-12.50	AVG	100	82	

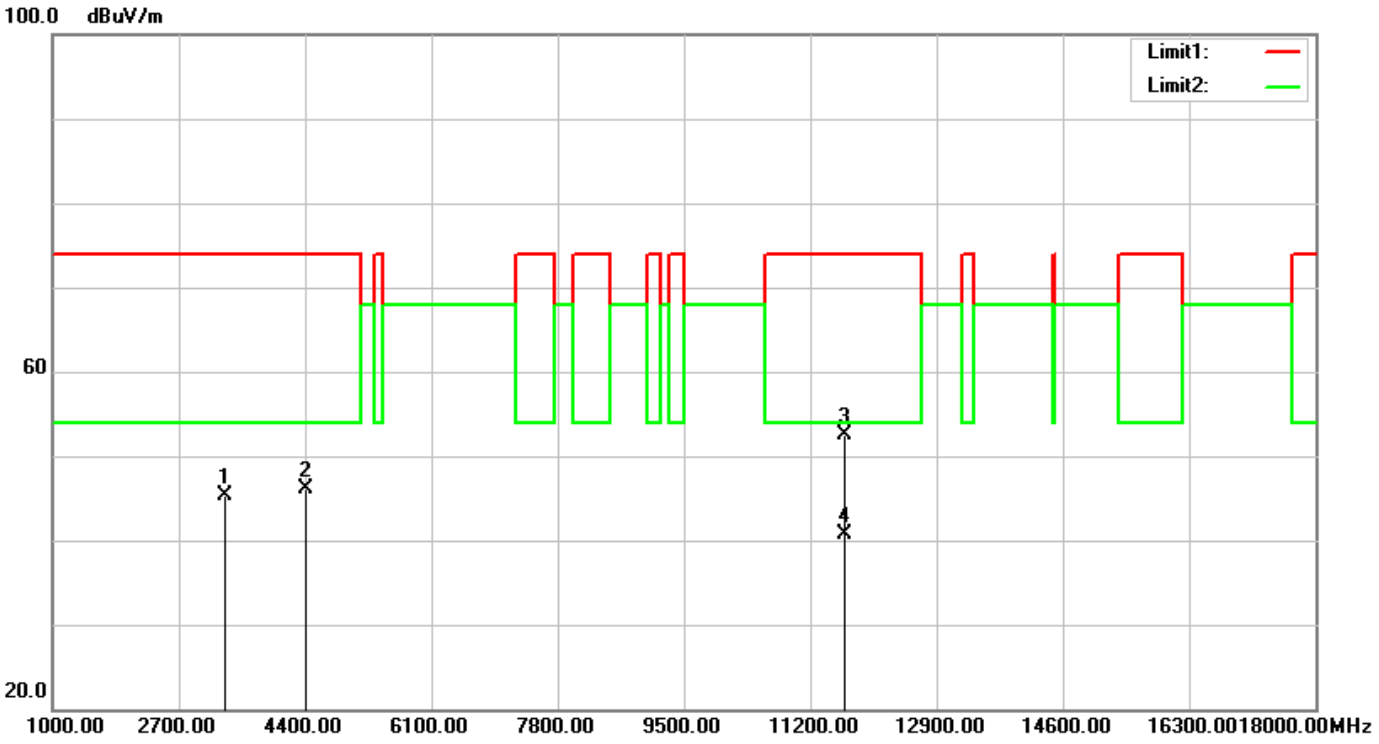
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 08:54:22**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5785-TX-setting : 1E**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	2717.000	-5.93	50.35	44.42	74.00	-29.58	peak	100	330	
2	4366.000	-2.57	48.72	46.15	74.00	-27.85	peak	100	123	
3	11570.000	5.59	45.91	51.50	74.00	-22.50	peak	100	92	

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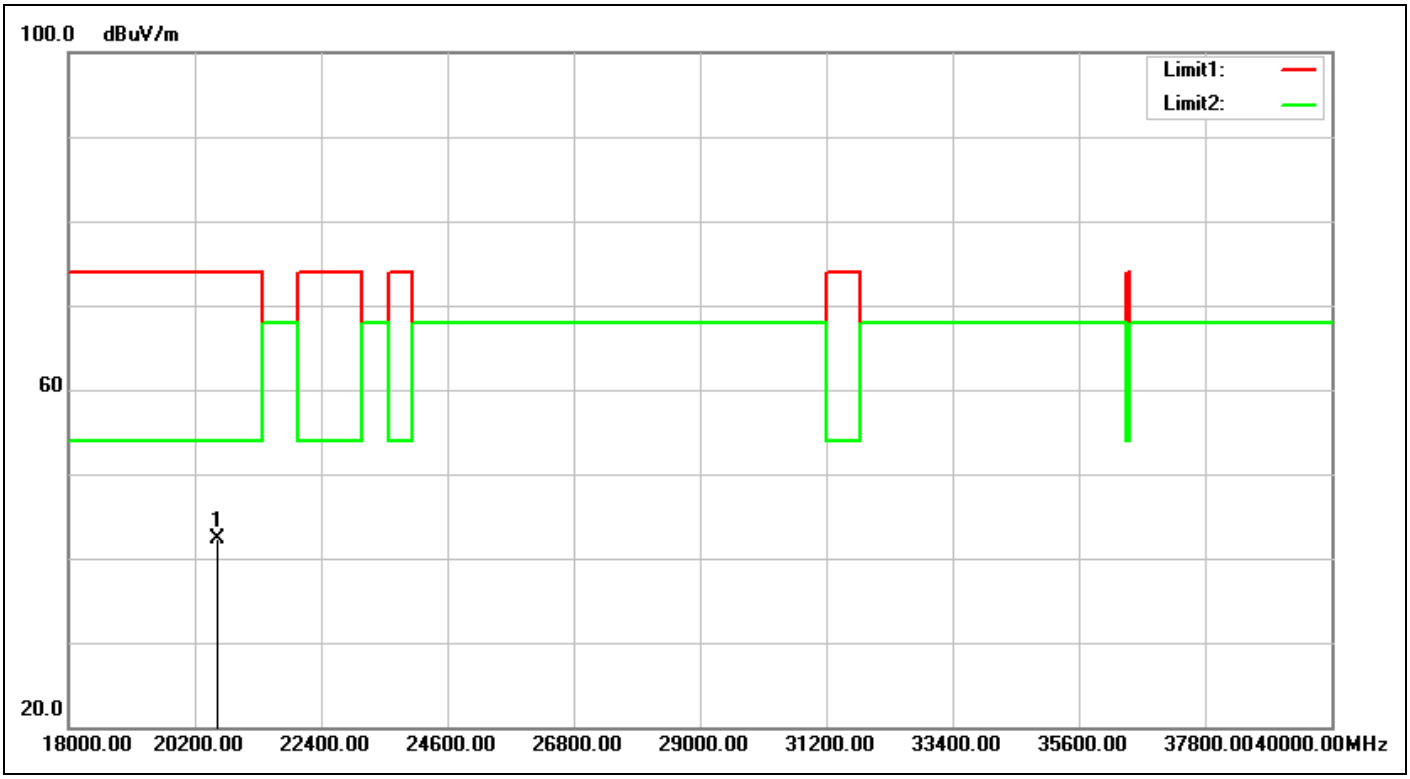


Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 08:57:29**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5825-TX-setting : 1B**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	3329.000	-5.21	50.61	45.40	74.00	-28.60	peak	100	17	
2	4417.000	-2.39	48.44	46.05	74.00	-27.95	peak	100	124	
3	11650.000	5.90	46.65	52.55	74.00	-21.45	peak	100	299	
4	11650.000	5.90	34.80	40.70	54.00	-13.30	AVG	100	299	

Spurious Emissions, TX Mode, 18 GHz – 40 GHz

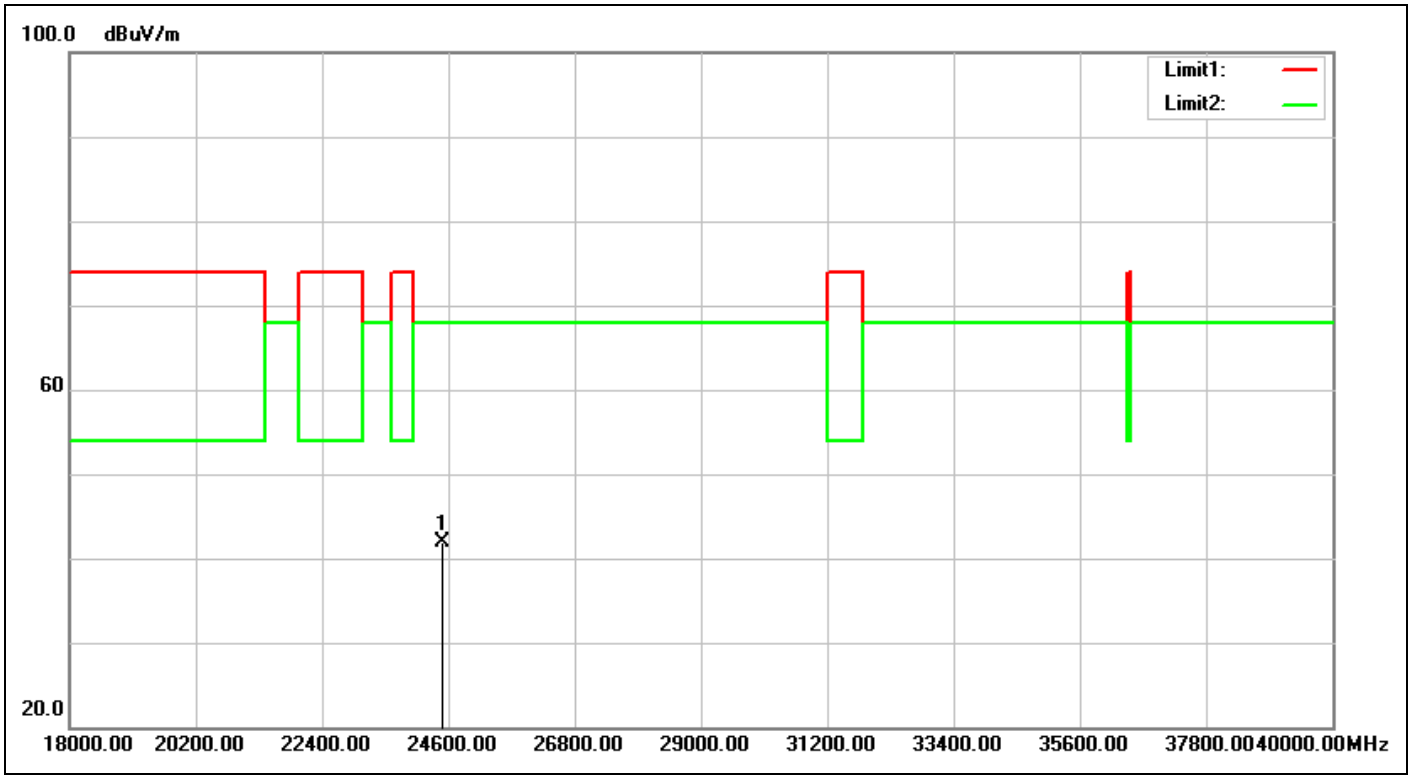
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 10:05:01**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5180-TX-setting : 24**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	20596.000	4.25	38.04	42.29	74.00	-31.71	peak	100	215	

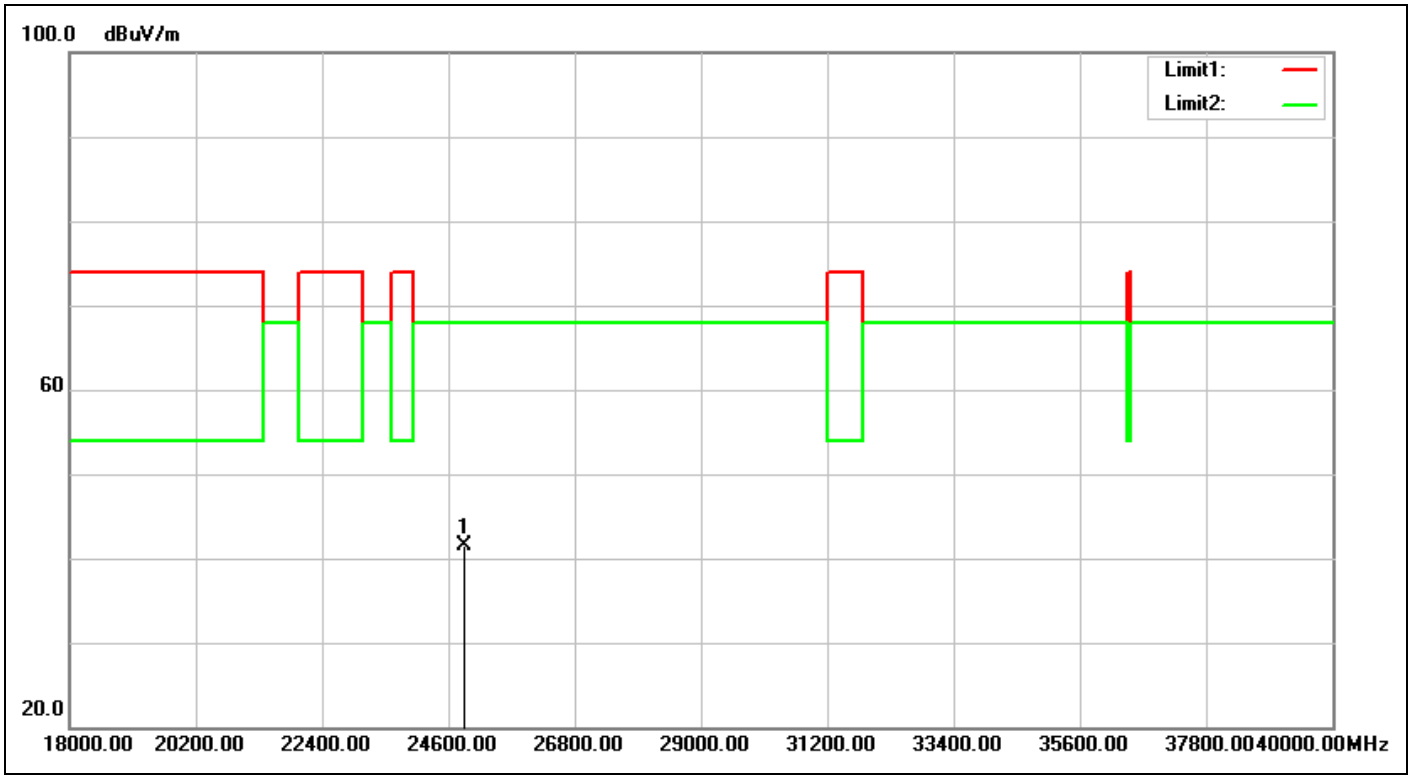
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 10:06:08**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5180-TX-setting : 24**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	24490.000	5.12	36.82	41.94	68.00	-26.06	peak	100	114	

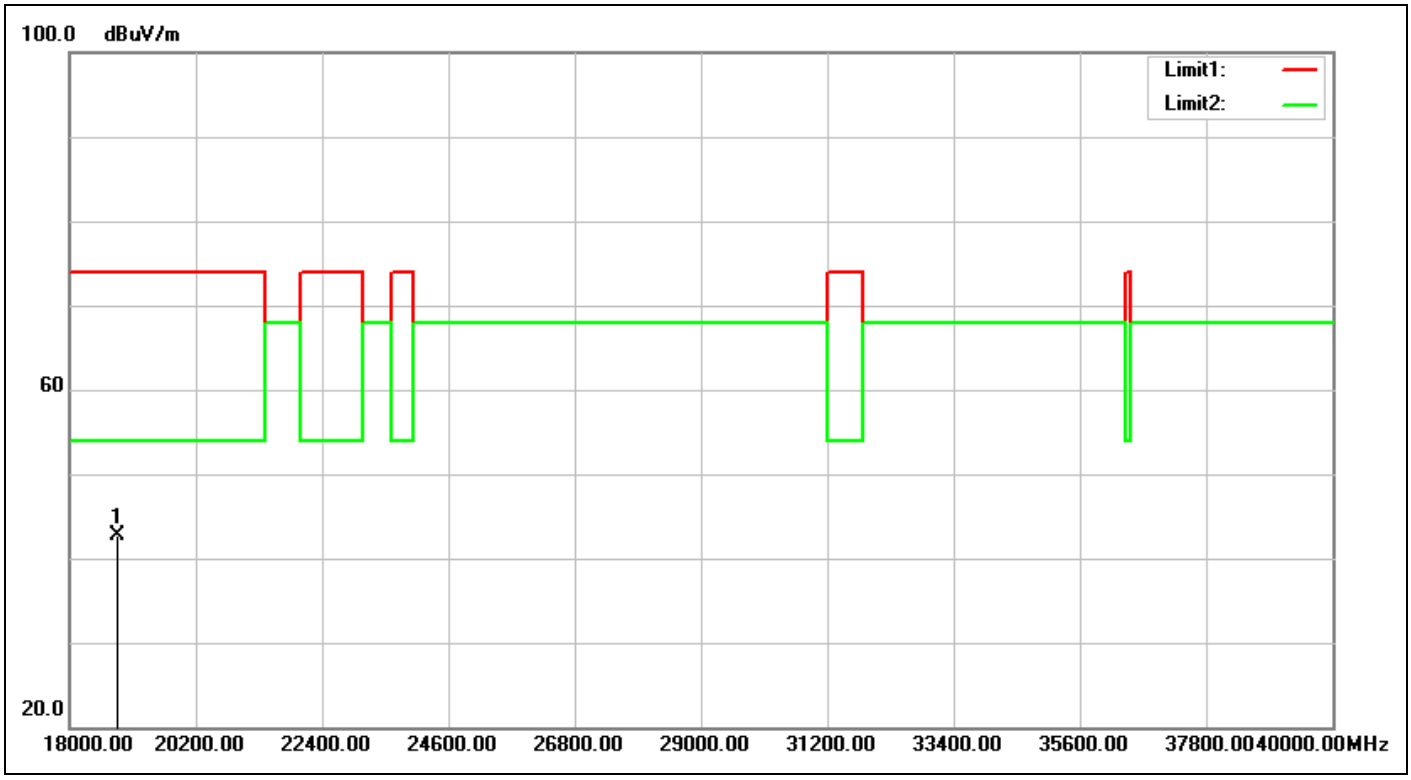
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 10:08:54**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5200-TX-setting : 24**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	24886.000	5.14	36.41	41.55	68.00	-26.45	peak	100	102	

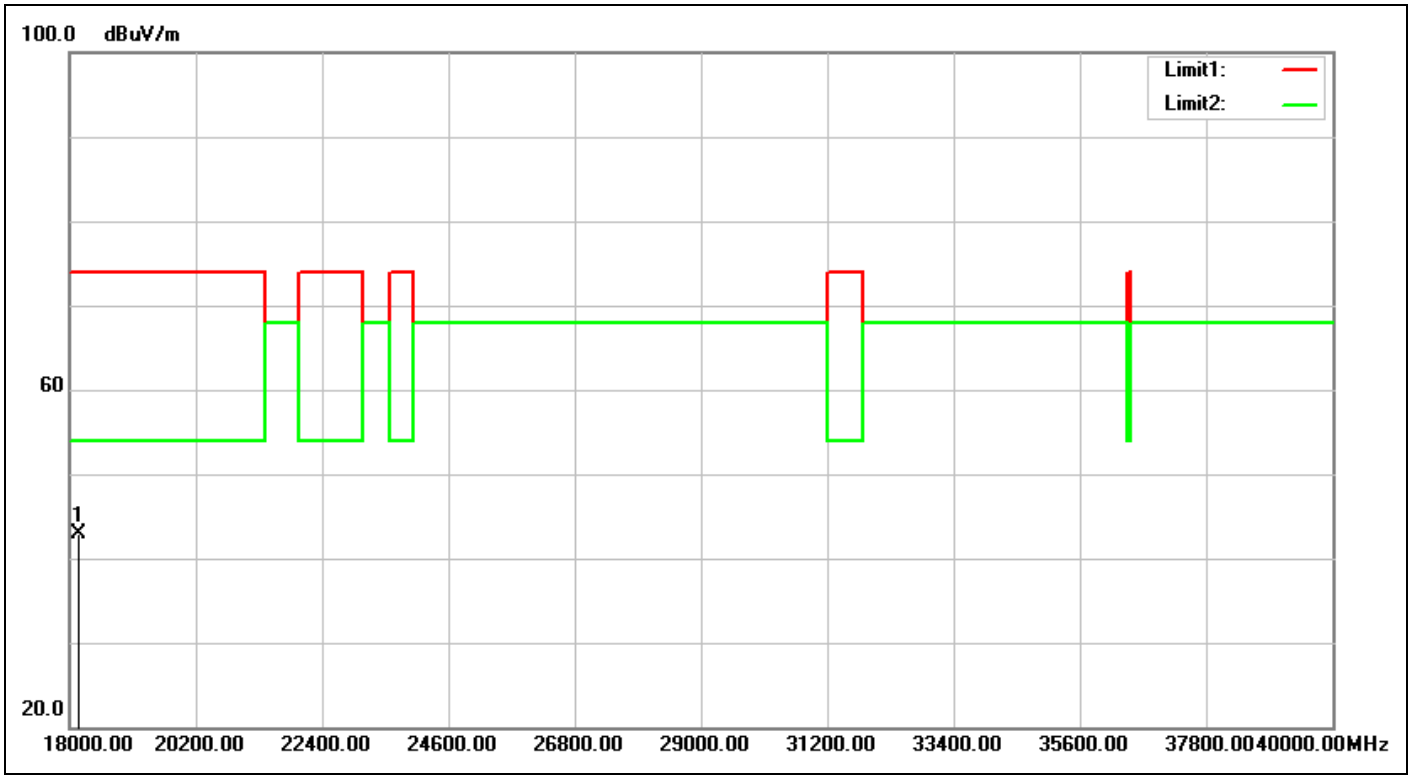
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 10:10:01**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5200-TX-setting : 24**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	18836.000	3.97	38.76	42.73	74.00	-31.27	peak	100	11	

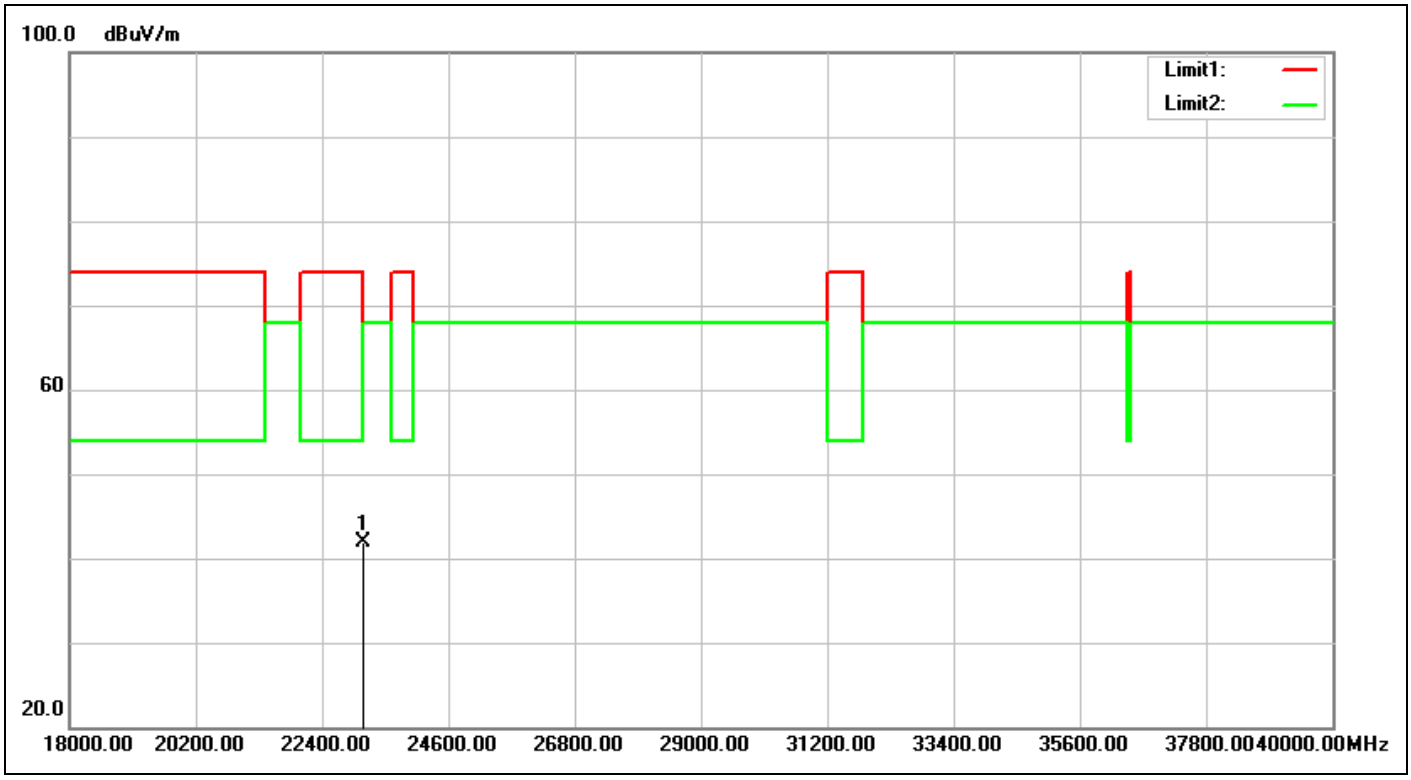
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 10:12:38**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5240-TX-setting : 26**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	18154.000	4.34	38.56	42.90	74.00	-31.10	peak	100	33	

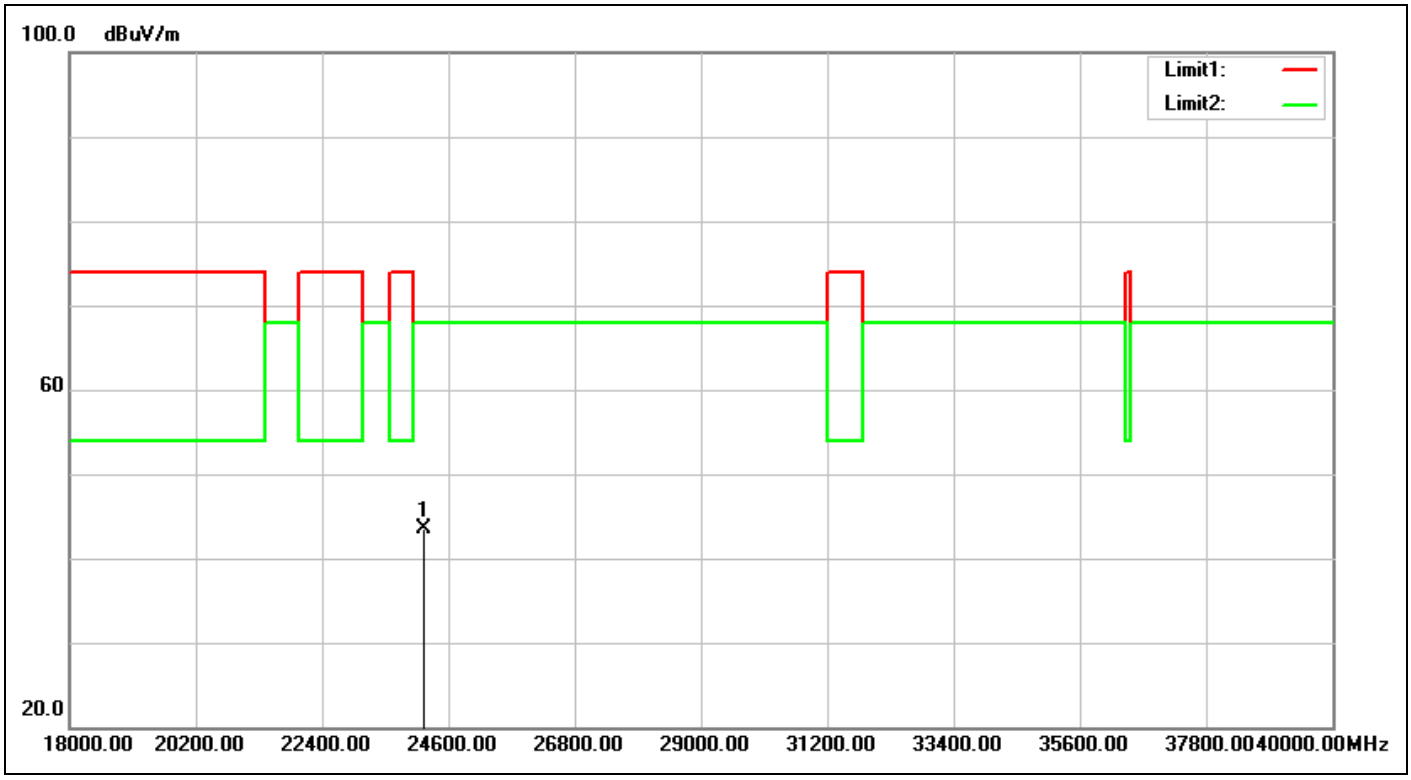
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 10:14:45**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5240-TX-setting : 26**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	23126.000	5.18	36.77	41.95	68.00	-26.05	peak	100	207	

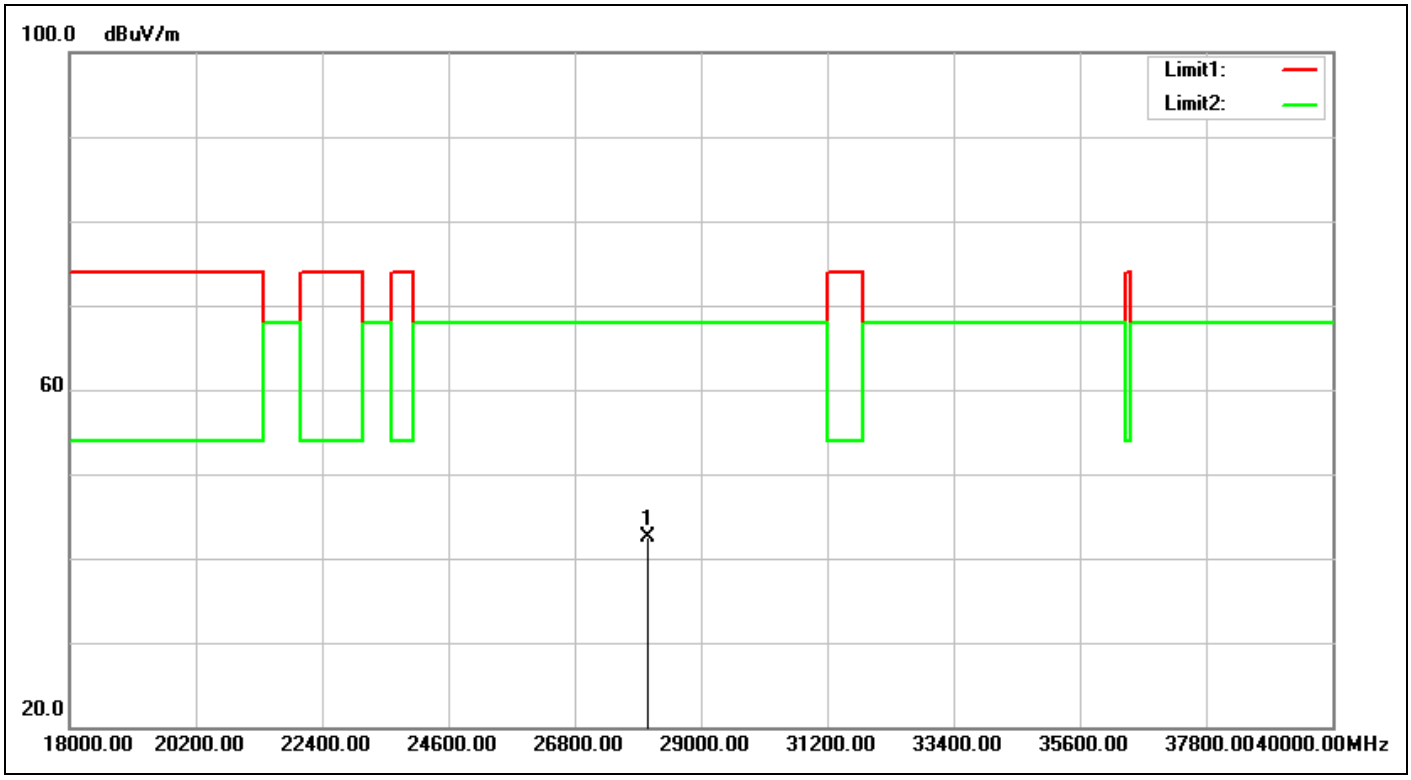
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 10:38:15**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5260-TX-setting : 26**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	24182.000	5.23	38.33	43.56	68.00	-24.44	peak	100	276	

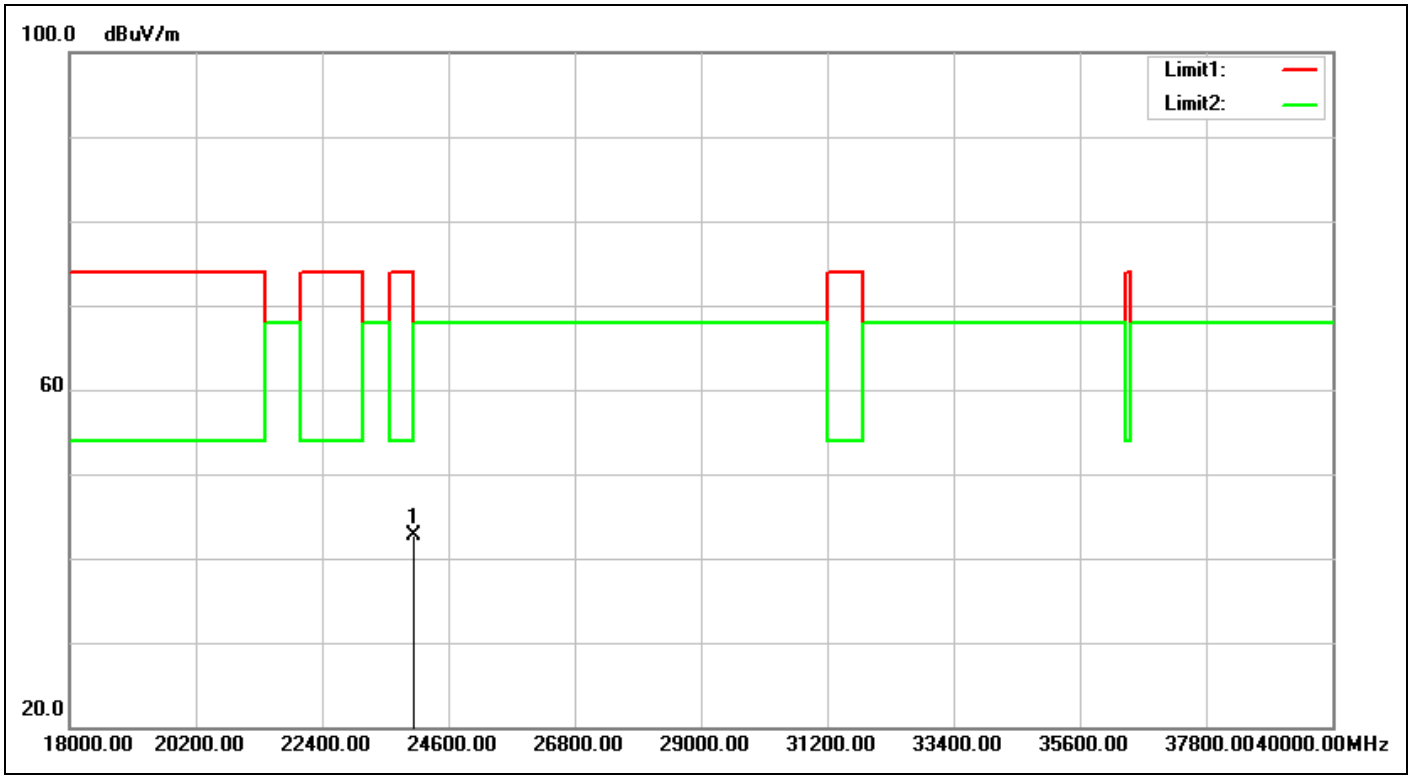
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 10:40:22**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5260-TX-setting : 26**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	28076.000	5.36	37.20	42.56	68.00	-25.44	peak	100	303	

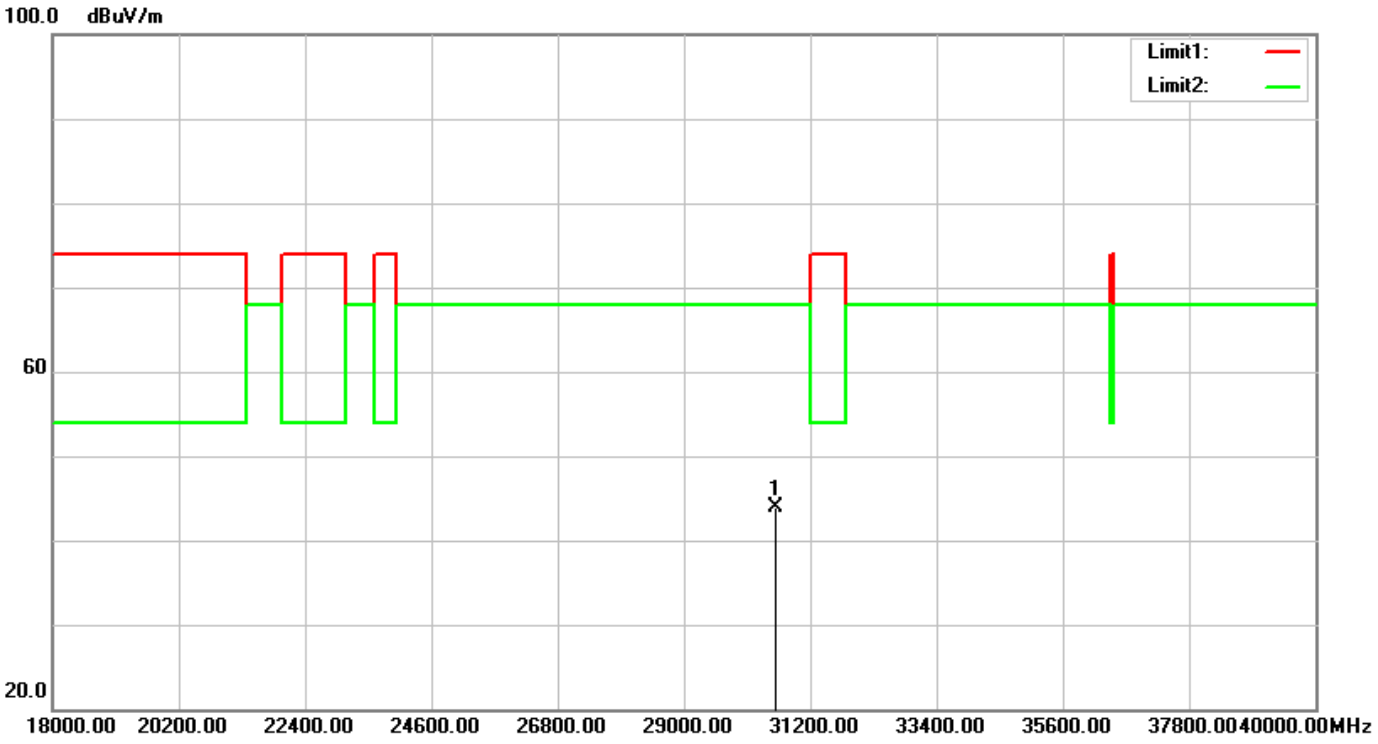
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 10:42:02**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5300-TX-setting : 25**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	24006.000	5.34	37.36	42.70	68.00	-25.30	peak	100	215	

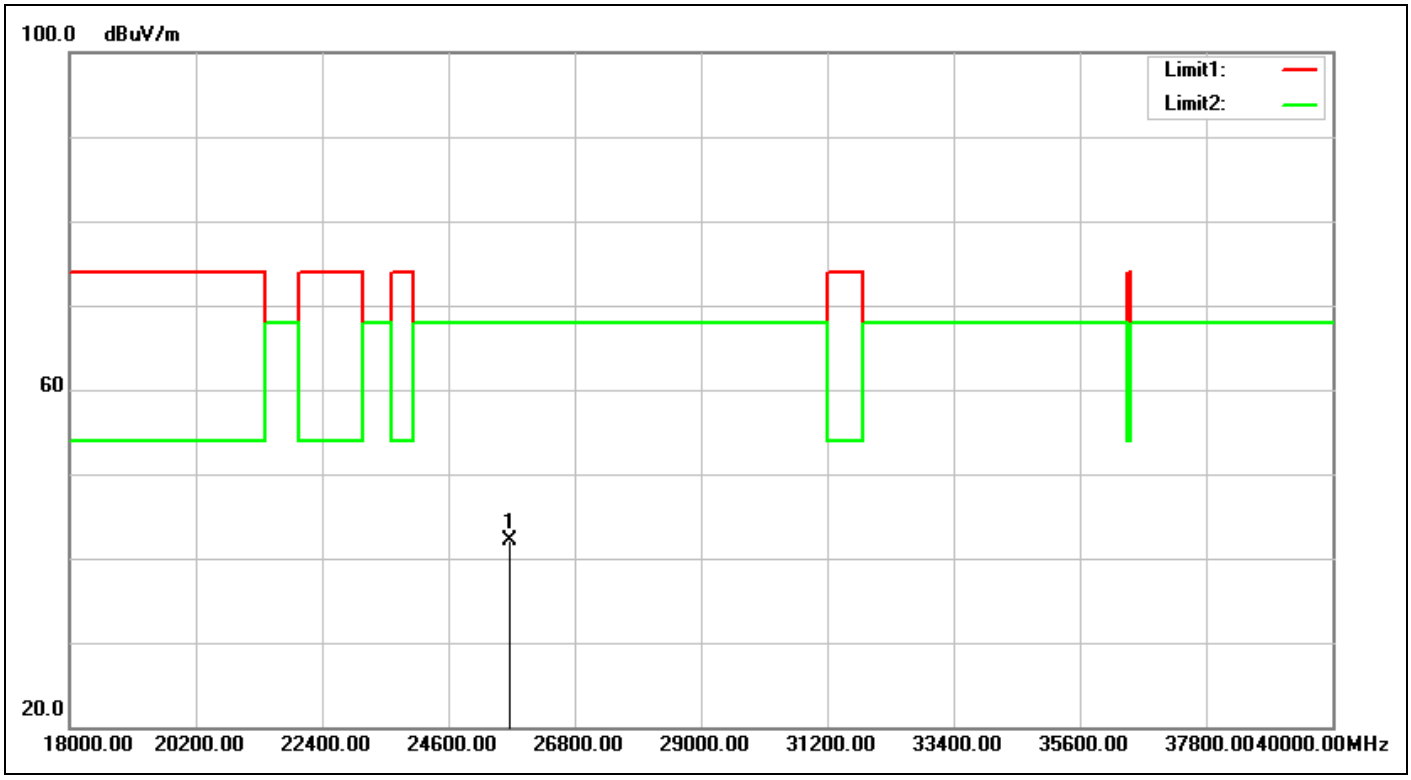
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 10:44:08**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5300-TX-setting : 25**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	30606.000	5.02	38.83	43.85	68.00	-24.15	peak	100	113	

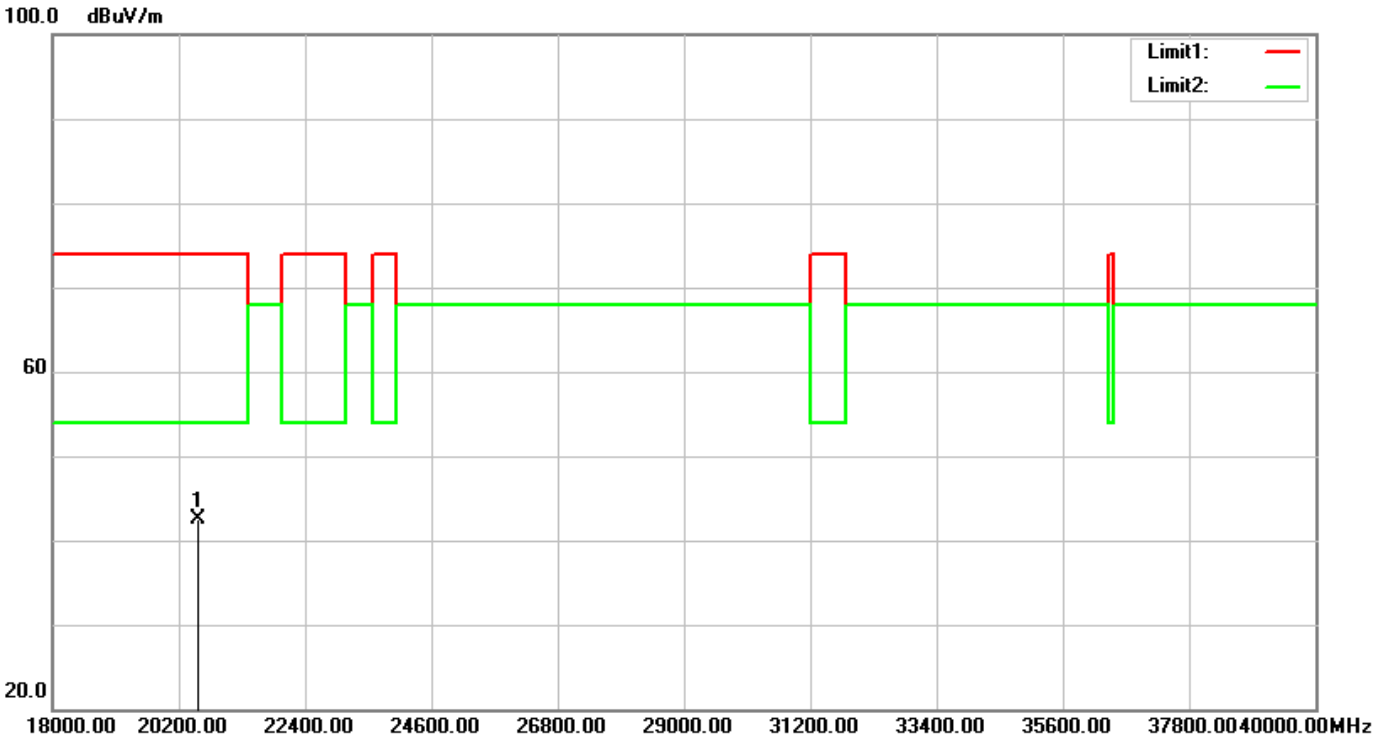
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 10:46:43**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5320-TX-setting : 25**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	25678.000	5.40	36.69	42.09	68.00	-25.91	peak	100	16	

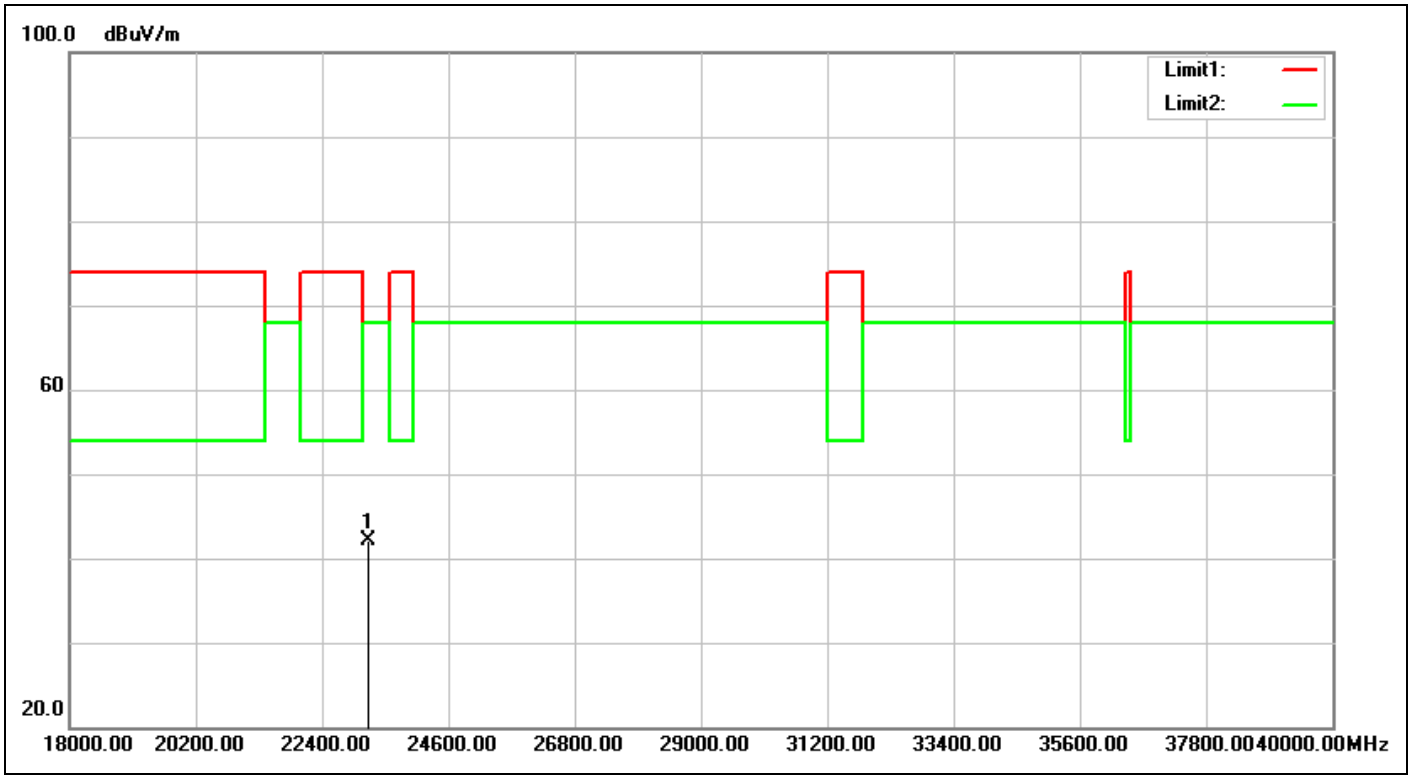
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 10:47:49**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5320-TX-setting : 25**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	20530.000	4.21	38.34	42.55	74.00	-31.45	peak	100	175	

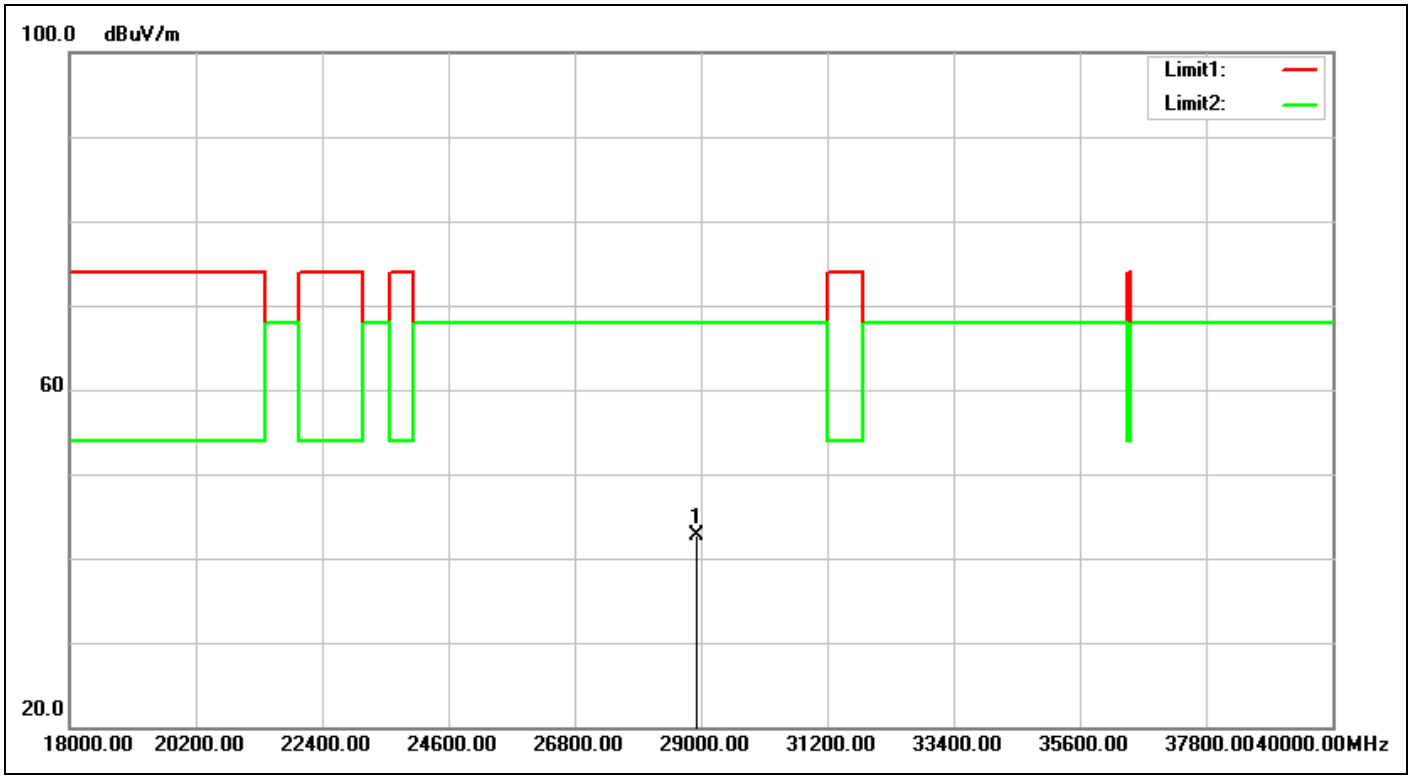
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 11:07:47**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5500-TX-setting : 20**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	23214.000	5.22	36.96	42.18	68.00	-25.82	peak	100	182	

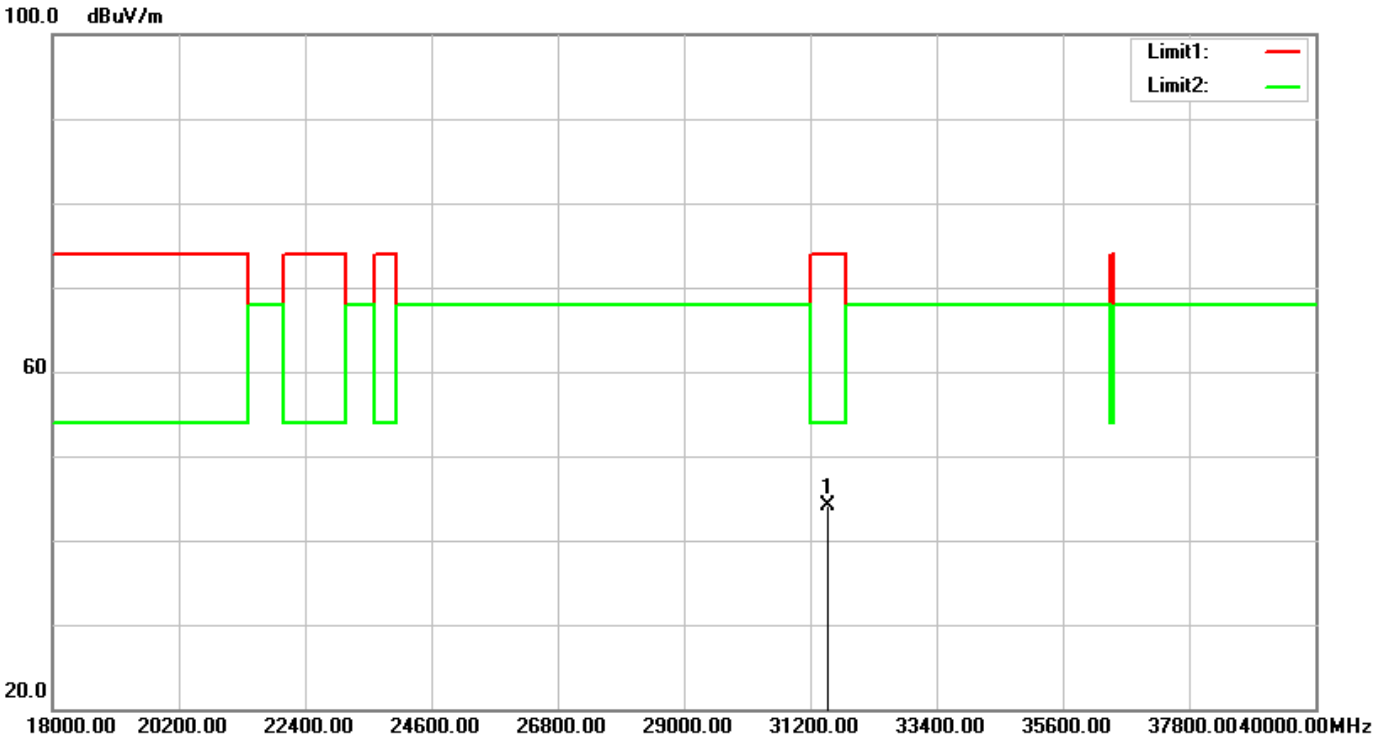
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 11:08:54**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5500-TX-setting : 20**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	28912.000	4.94	37.82	42.76	68.00	-25.24	peak	100	53	

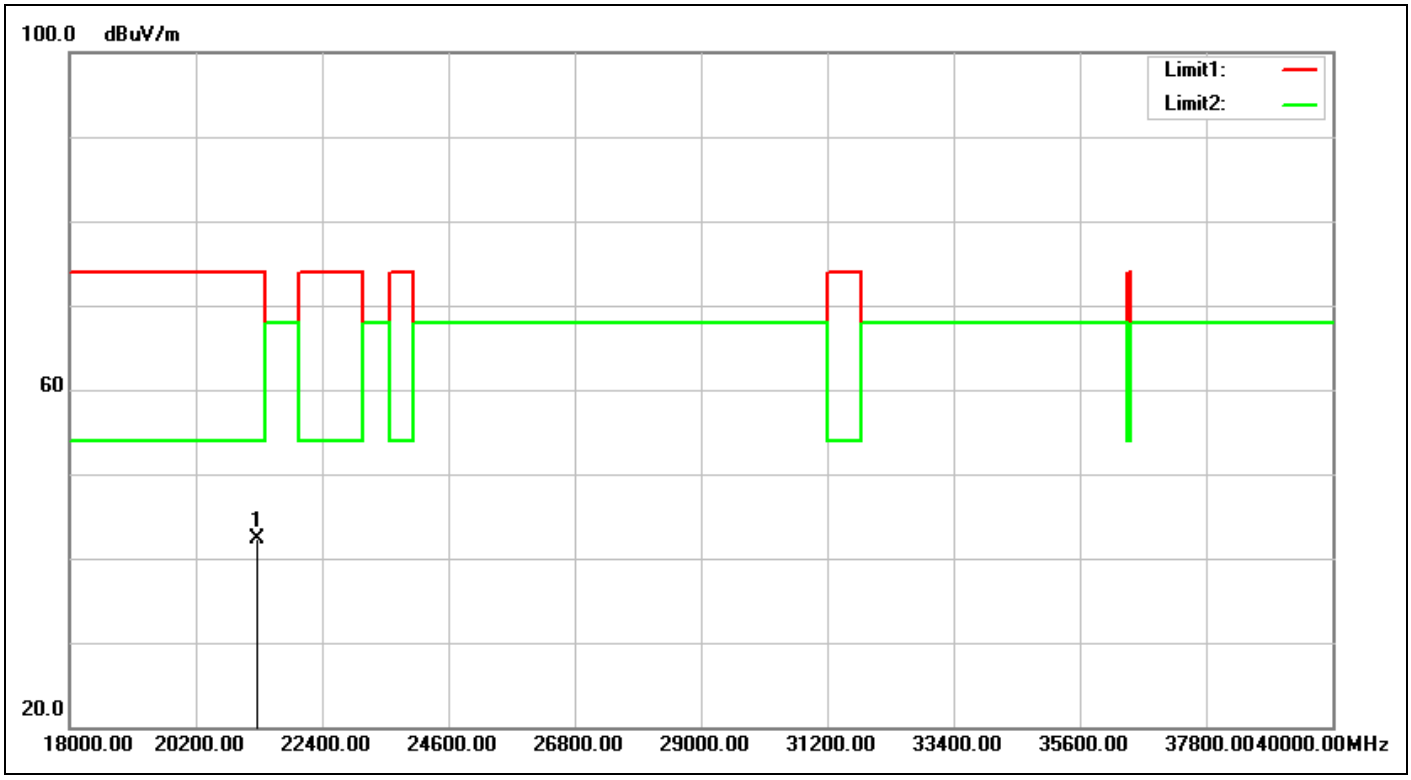
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 11:10:54**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5580-TX-setting : 1F**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	31508.000	5.32	38.79	44.11	74.00	-29.89	peak	100	91	

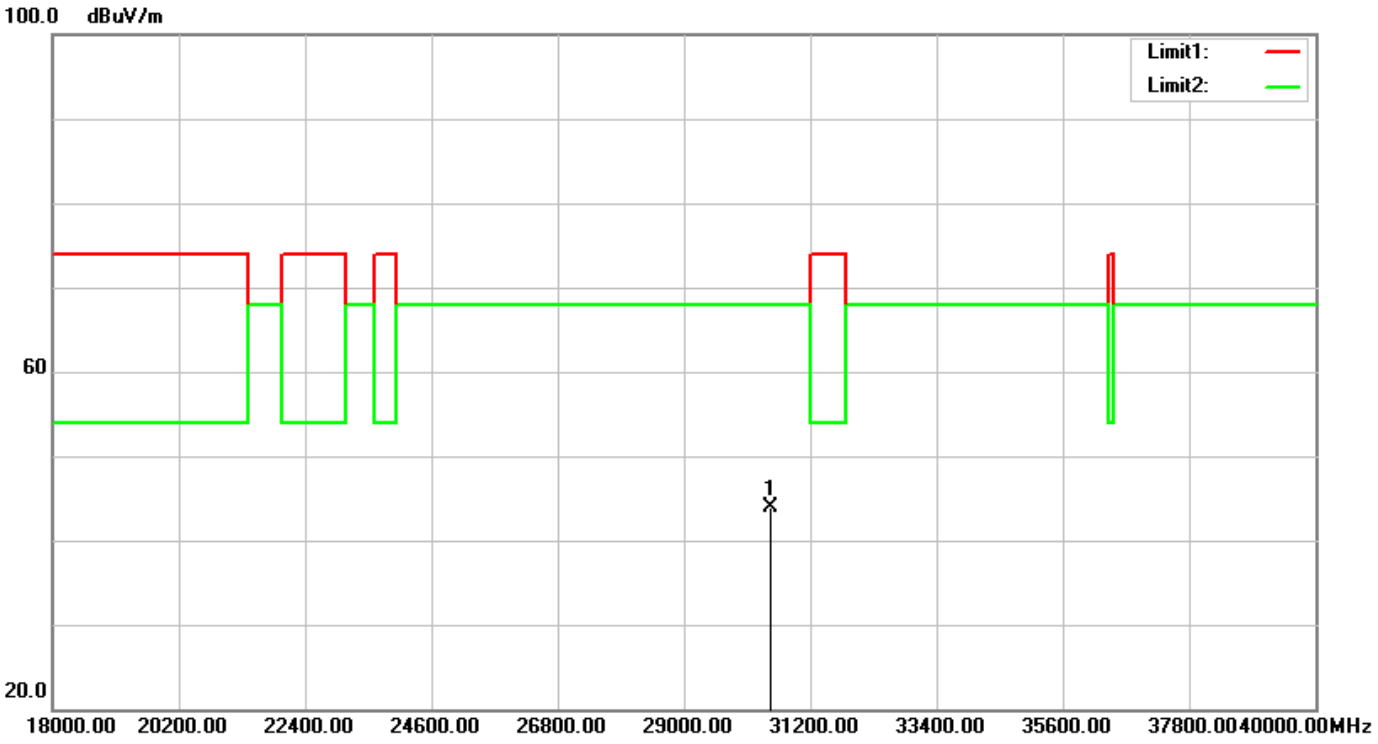
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 11:11:39**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5580-TX-setting : 1F**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	21278.000	4.62	37.70	42.32	74.00	-31.68	peak	100	106	

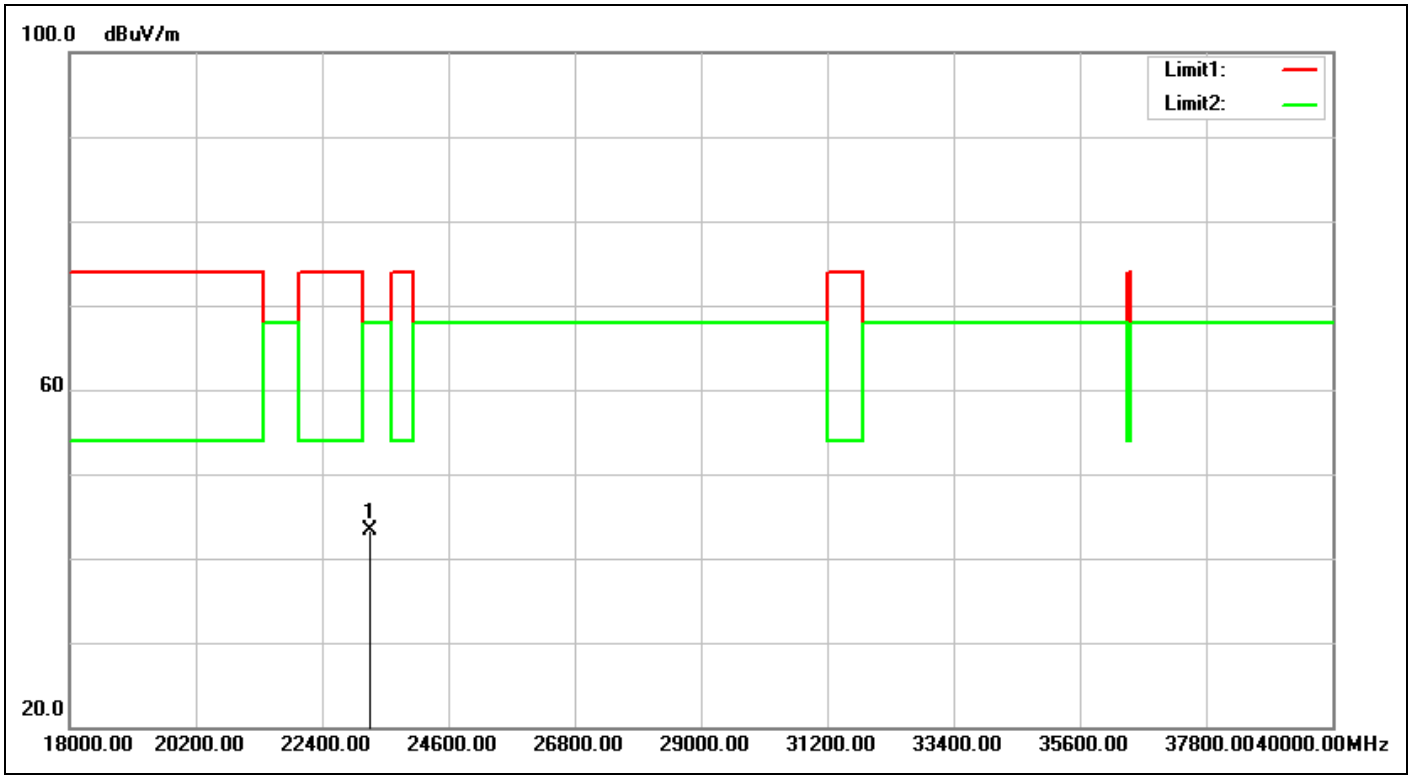
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 11:13:14**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5700-TX-setting : 1F**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	30496.000	5.06	38.93	43.99	68.00	-24.01	peak	100	342	

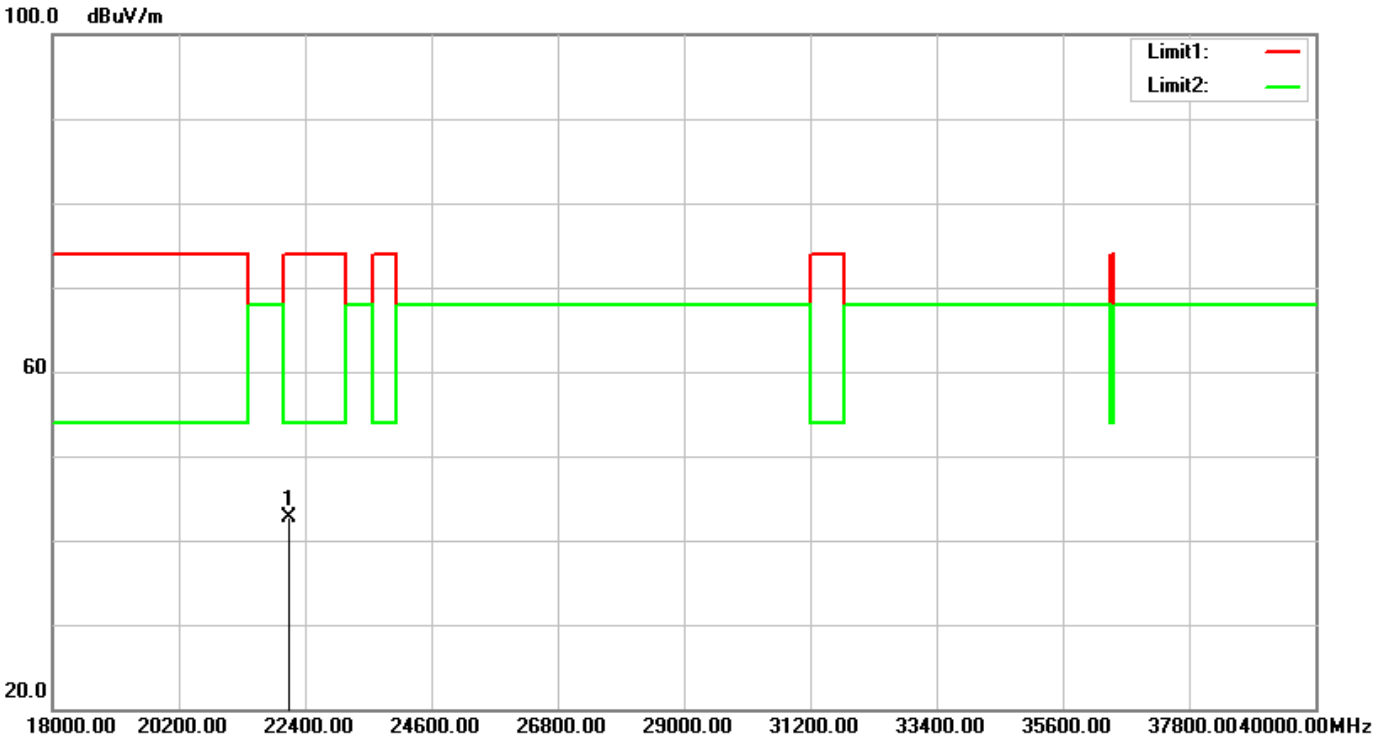
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 11:14:20**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5700-TX-setting : 1F**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	23236.000	5.23	38.14	43.37	68.00	-24.63	peak	100	276	

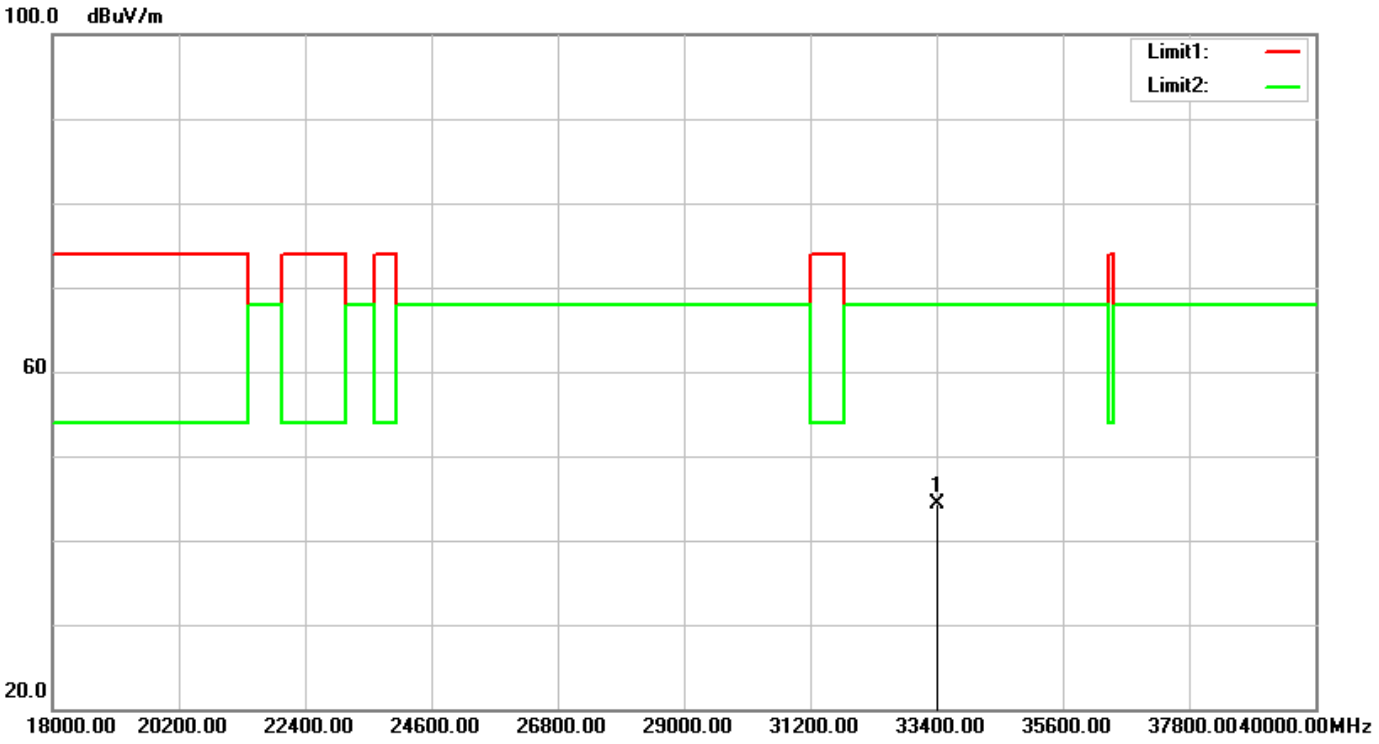
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 13:11:57**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5720-TX-setting : 20**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	22114.000	4.55	38.24	42.79	74.00	-31.21	peak	100	342	

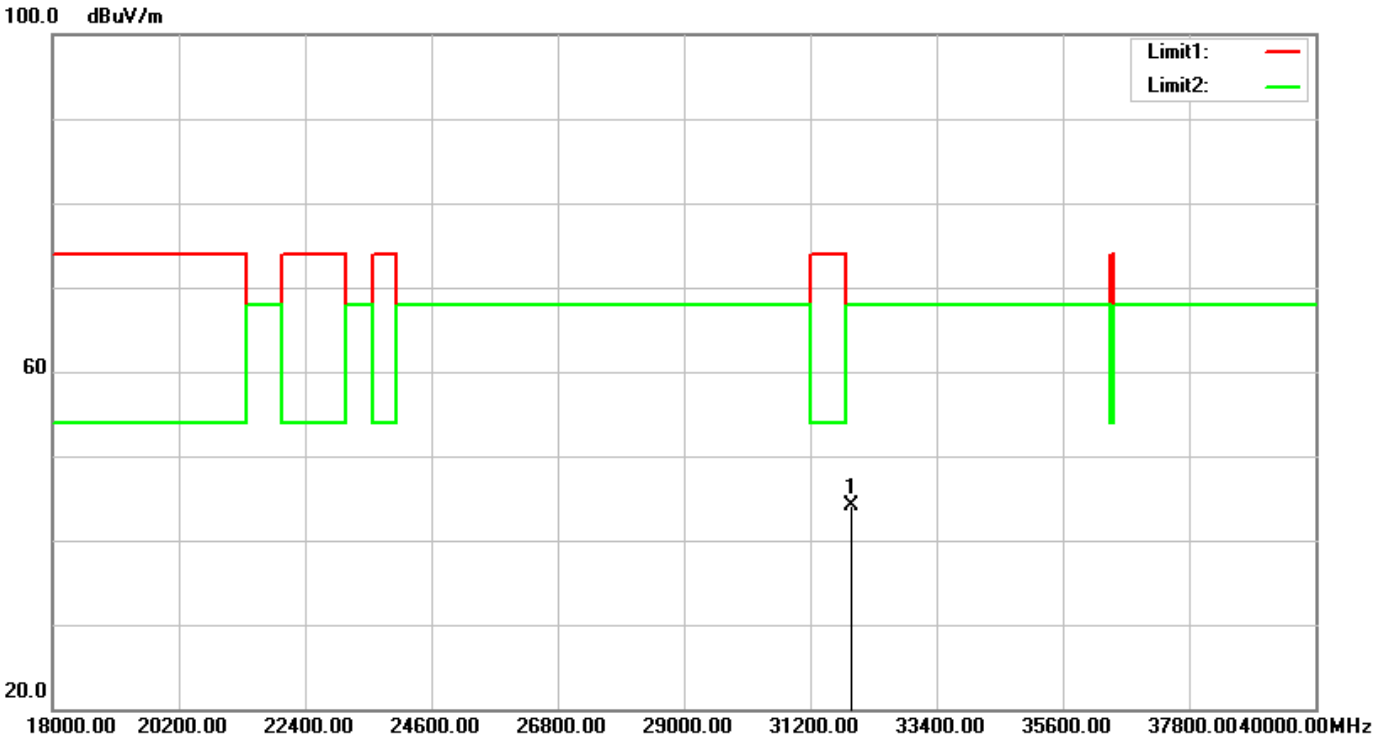
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 13:12:49**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5720-TX-setting : 20**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	33422.000	7.23	37.12	44.35	68.00	-23.65	peak	100	161	

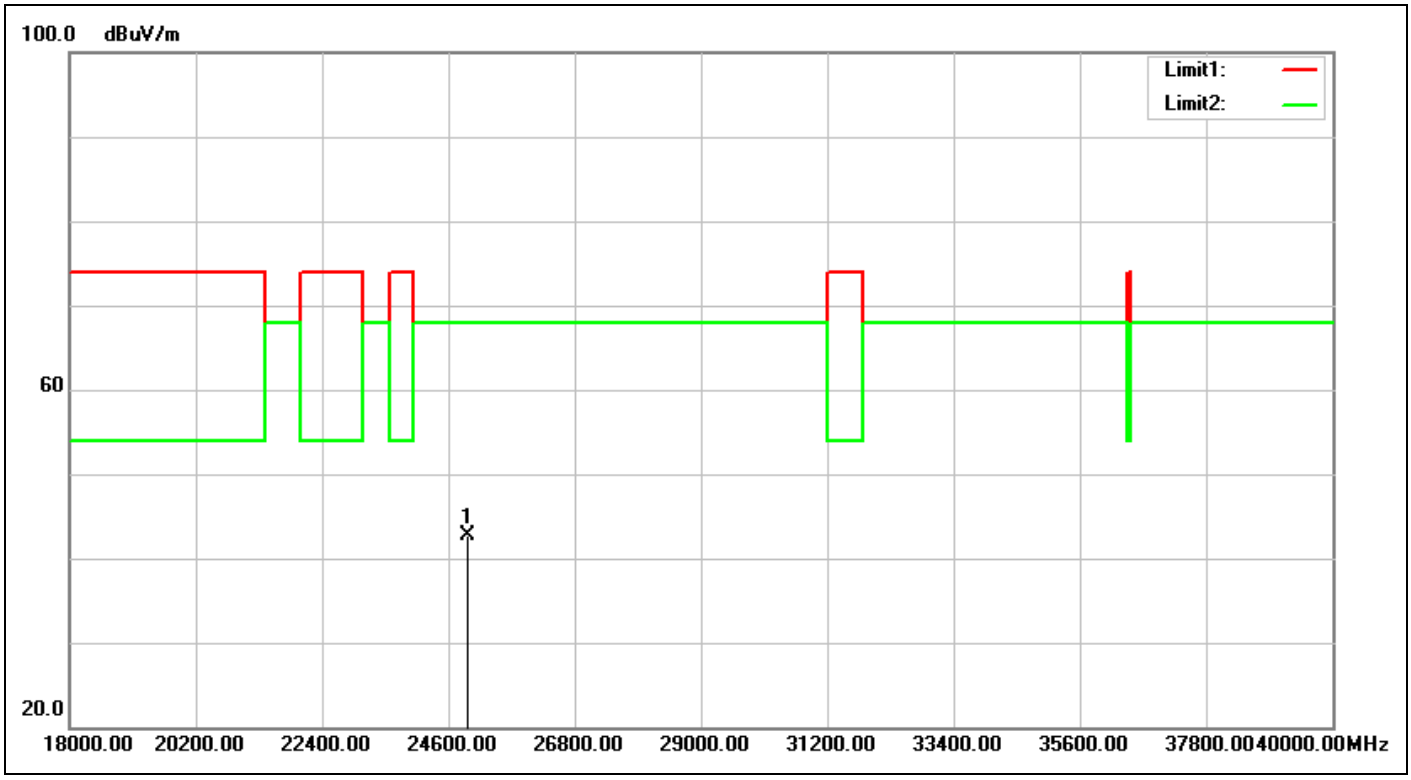
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 11:40:51**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5745-TX-setting : 20**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	31926.000	4.94	39.15	44.09	68.00	-23.91	peak	100	199	

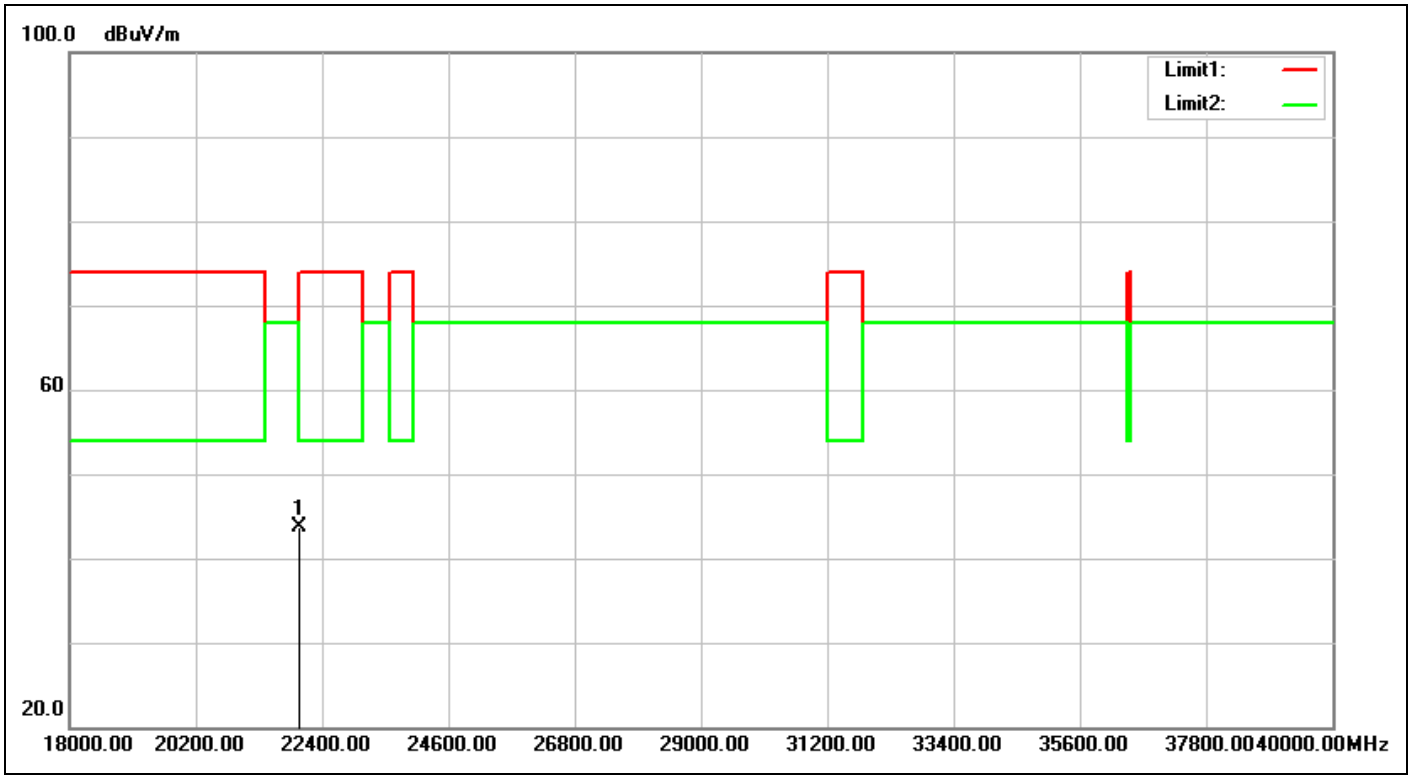
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 11:41:58**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5745-TX-setting : 20**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	24930.000	5.17	37.51	42.68	68.00	-25.32	peak	100	253	

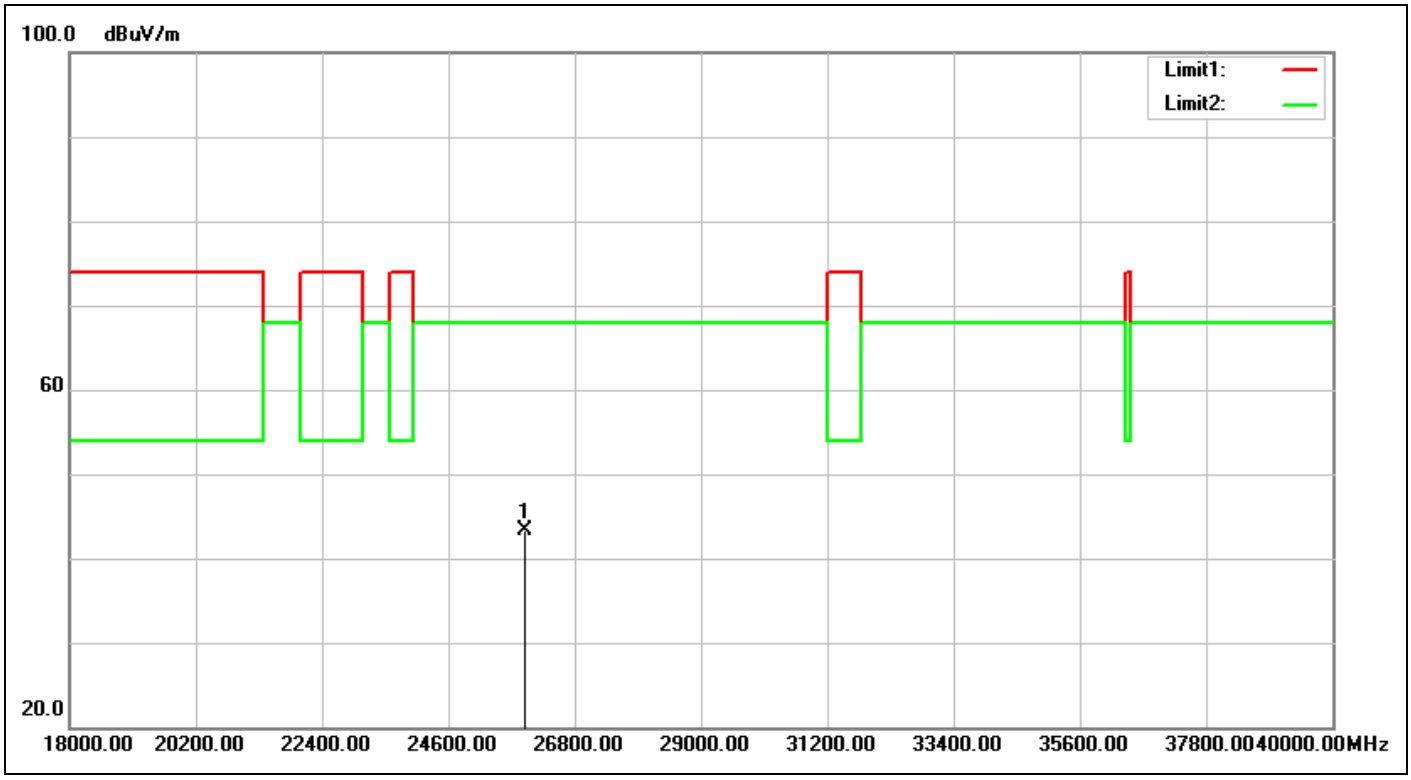
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 11:43:37**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5785-TX-setting : 1E**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	22004.000	4.37	39.38	43.75	68.00	-24.25	peak	100	16	

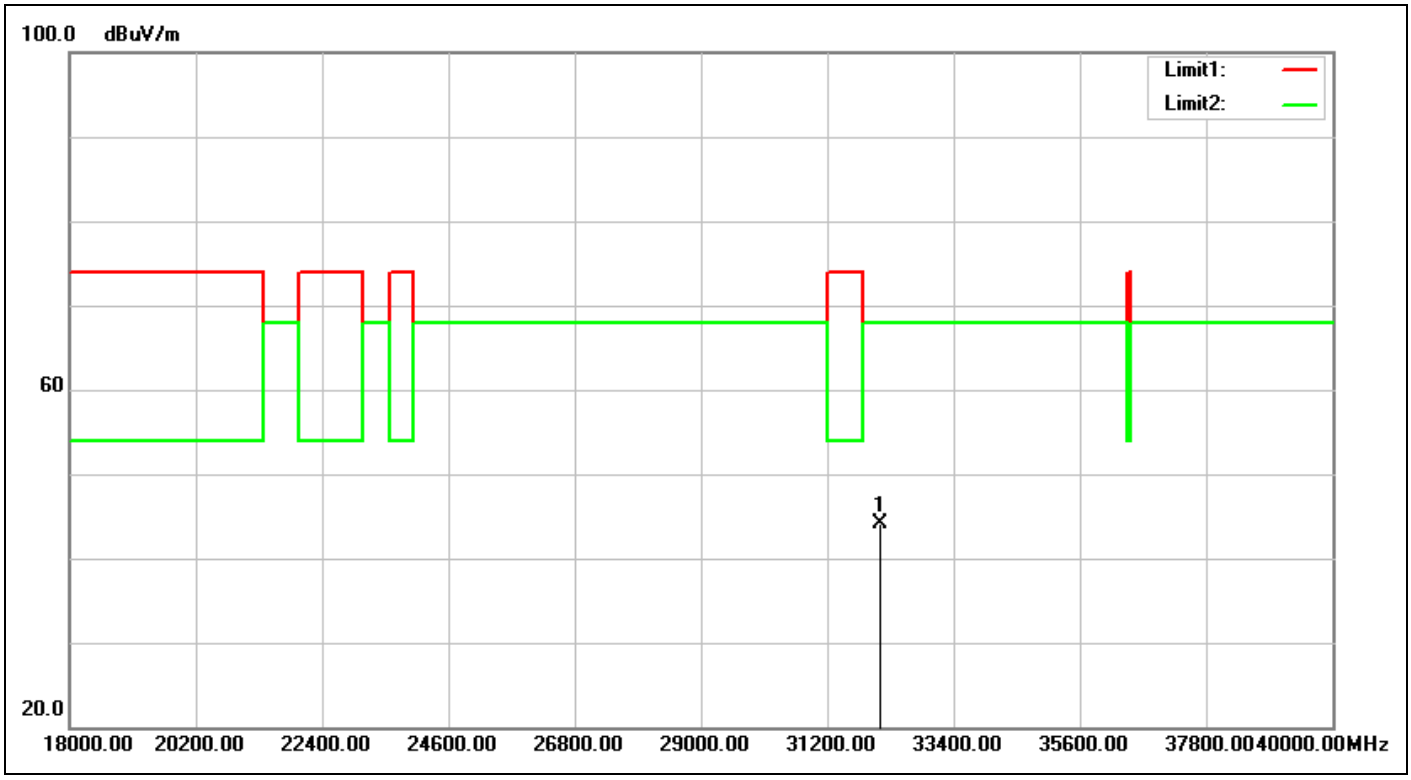
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 11:44:49**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5785-TX-setting : 1E**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	25942.000	5.64	37.73	43.37	68.00	-24.63	peak	100	138	

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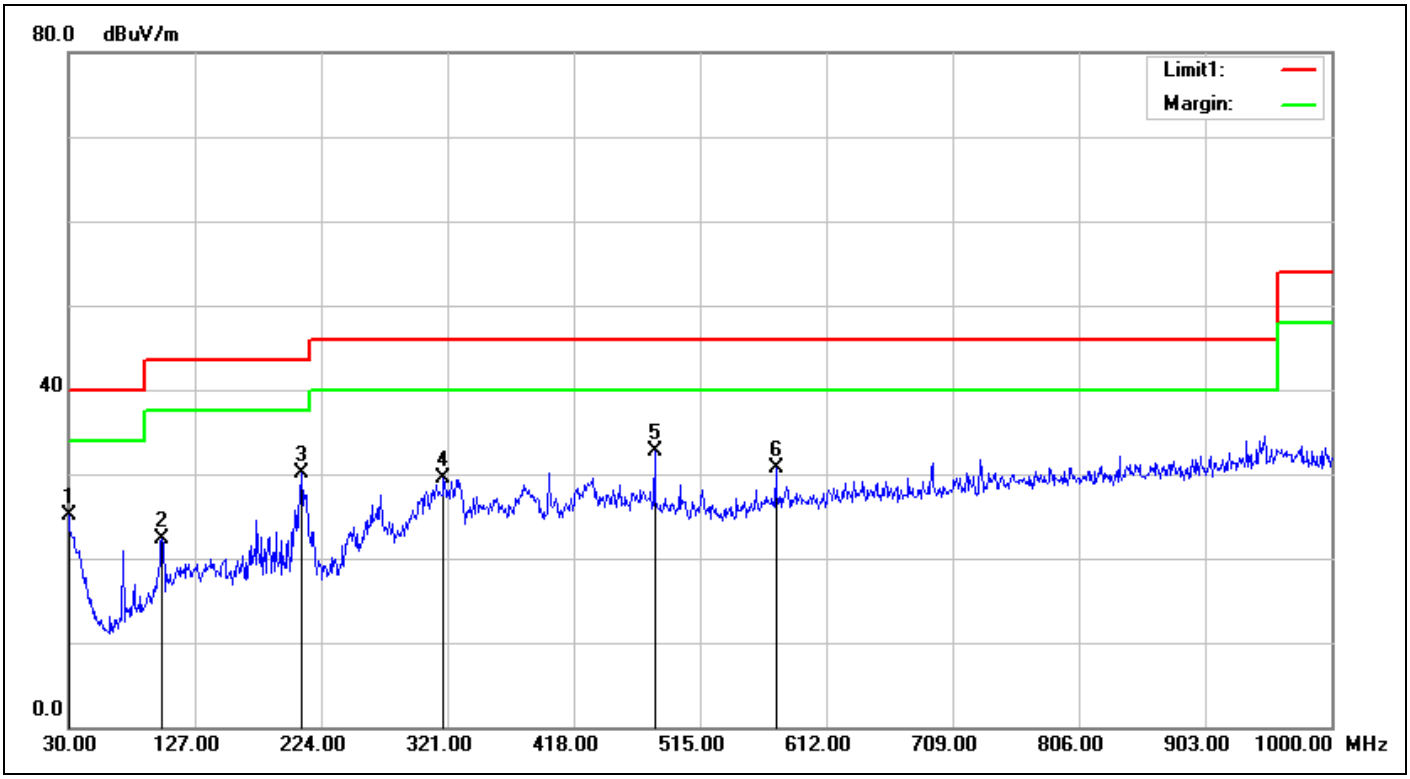


Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 11:46:30**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5825-TX-setting : 1B**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	32124.000	5.01	39.14	44.15	68.00	-23.85	peak	100	231	

Spurious Emissions, TX Mode, 30 MHz – 1 GHz

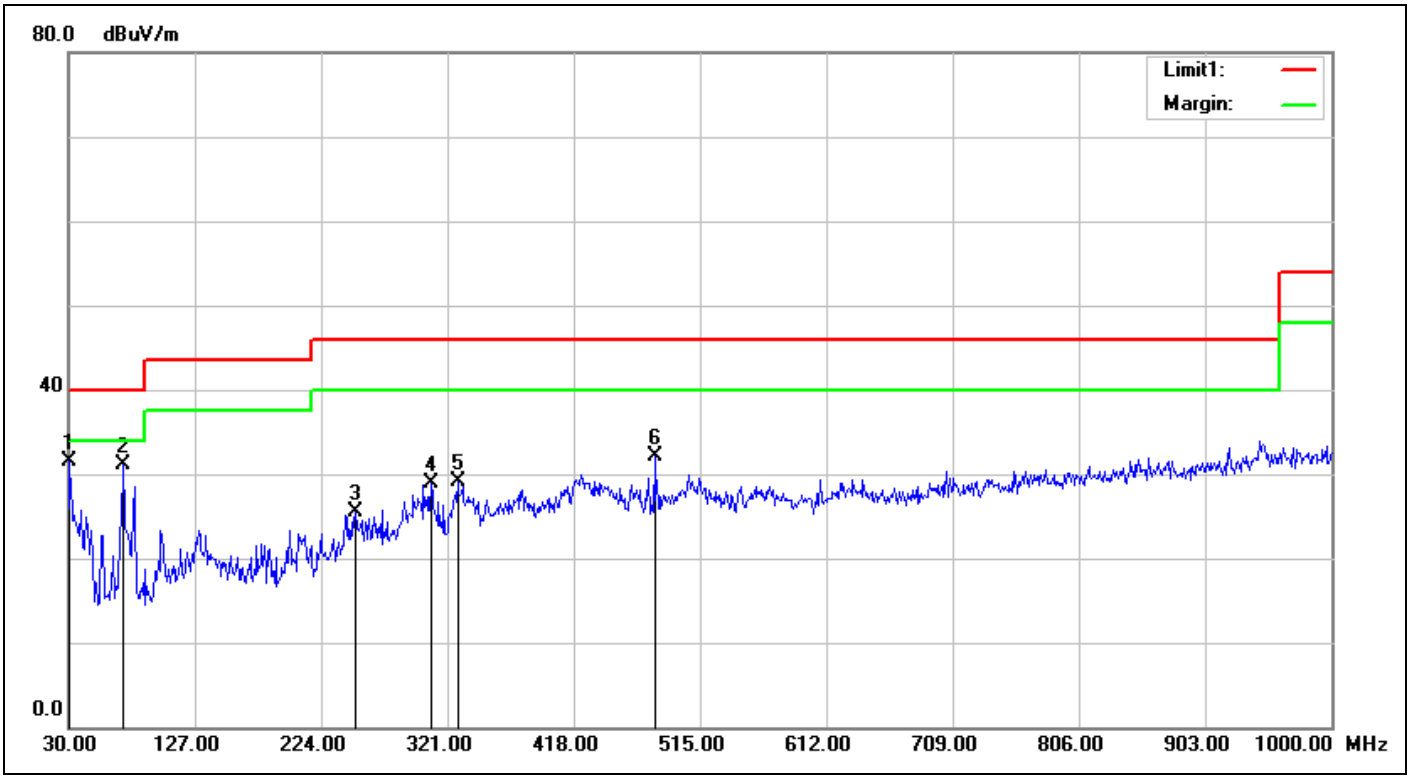
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 2.8_9k-1G_3m**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 13:44:51**
Applicant:	鴻海精密工業股份有限公司	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5240-TX-setting : 26**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	30.0000	-0.03	25.07	25.04	40.00	-14.96	QP	100	316	
2	101.7800	-9.21	31.55	22.34	43.50	-21.16	QP	100	283	
3	209.4499	-8.58	38.70	30.12	43.50	-13.38	QP	100	174	
4	318.0899	-4.39	33.87	29.48	46.00	-16.52	QP	100	105	
5	480.0799	-1.52	34.18	32.66	46.00	-13.34	QP	100	260	
6	573.2000	0.14	30.50	30.64	46.00	-15.36	QP	100	227	

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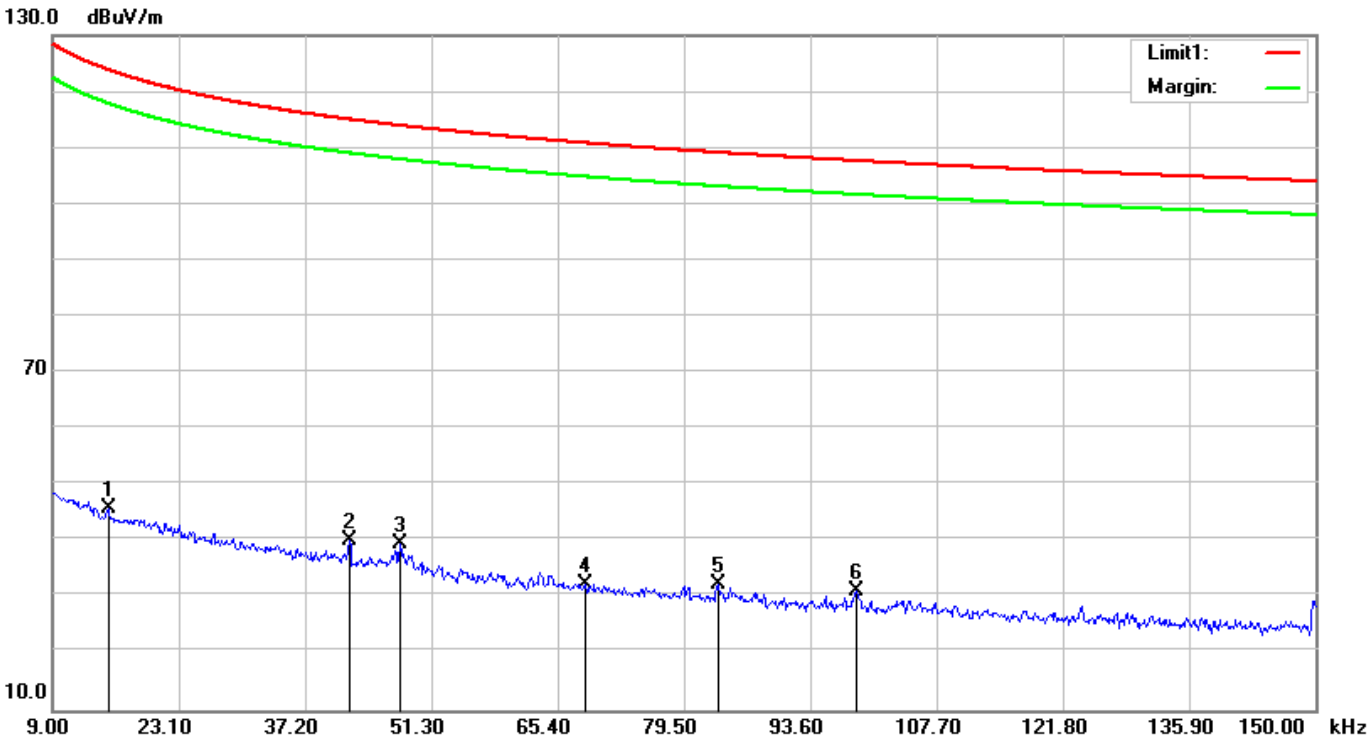


Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 2.8_9k-1G_3m**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 13:45:44**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5240-TX-setting : 26**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	30.0000	-0.03	31.60	31.57	40.00	-8.43	QP	100	301	
2	71.7100	-12.83	43.90	31.07	40.00	-8.93	QP	100	67	
3	250.1900	-5.66	31.14	25.48	46.00	-20.52	QP	100	205	
4	308.3900	-4.53	33.50	28.97	46.00	-17.03	QP	100	170	
5	328.7600	-3.97	33.01	29.04	46.00	-16.96	QP	100	360	
6	480.0800	-1.52	33.67	32.15	46.00	-13.85	QP	100	255	

Spurious Emissions, TX Mode, 9 kHz – 30 MHz

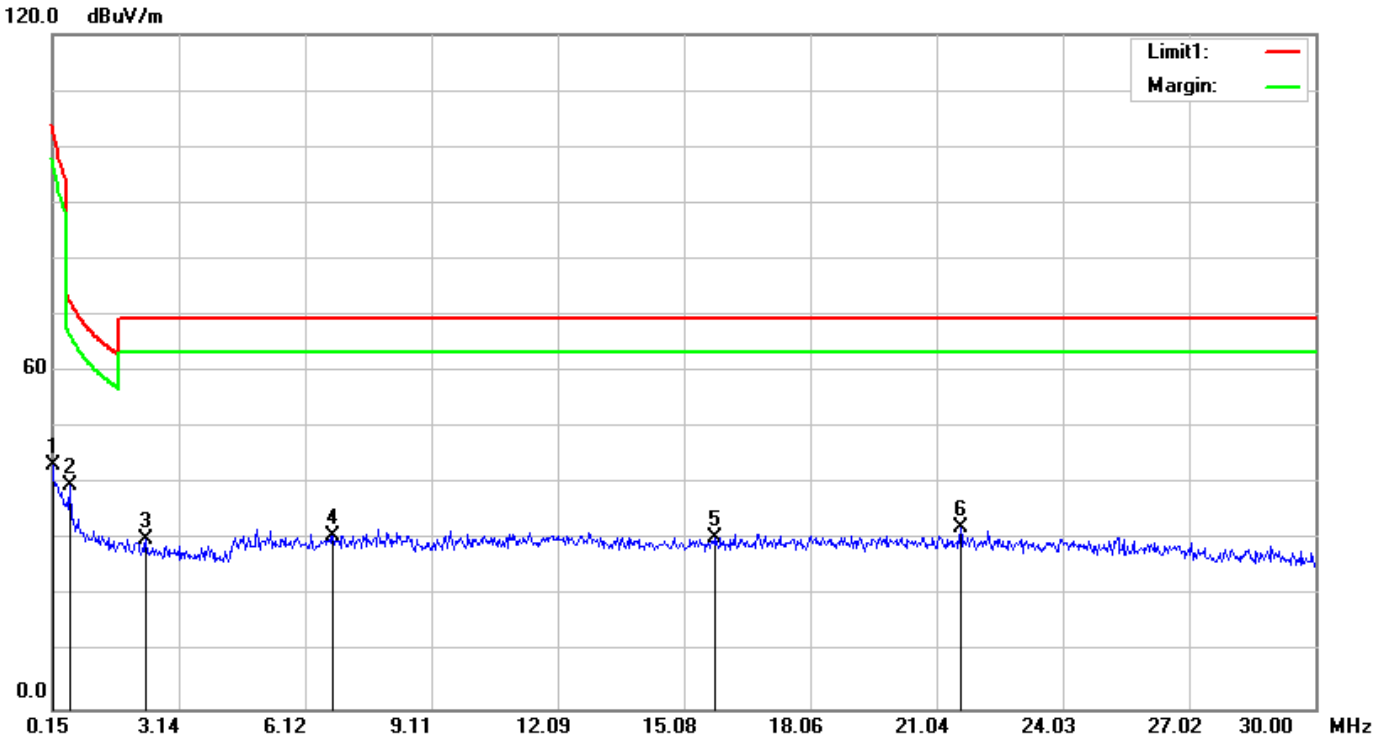
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 2.8_9k-1G_3m**	**Ant. Polarization:**	
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 13:40:13**
Applicant:	鴻海精密工業股份有限公司	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5240-TX-setting : 26**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	0.0152	18.73	27.25	45.98	123.87	-77.89	QP	100	154	
2	0.0421	19.08	21.12	40.20	115.05	-74.85	QP	100	278	
3	0.0478	18.96	20.55	39.51	113.95	-74.44	QP	100	181	
4	0.0685	18.70	13.72	32.42	110.83	-78.41	QP	100	269	
5	0.0833	18.52	13.71	32.23	109.14	-76.91	QP	100	113	
6	0.0987	18.35	12.93	31.28	107.67	-76.39	QP	100	25	

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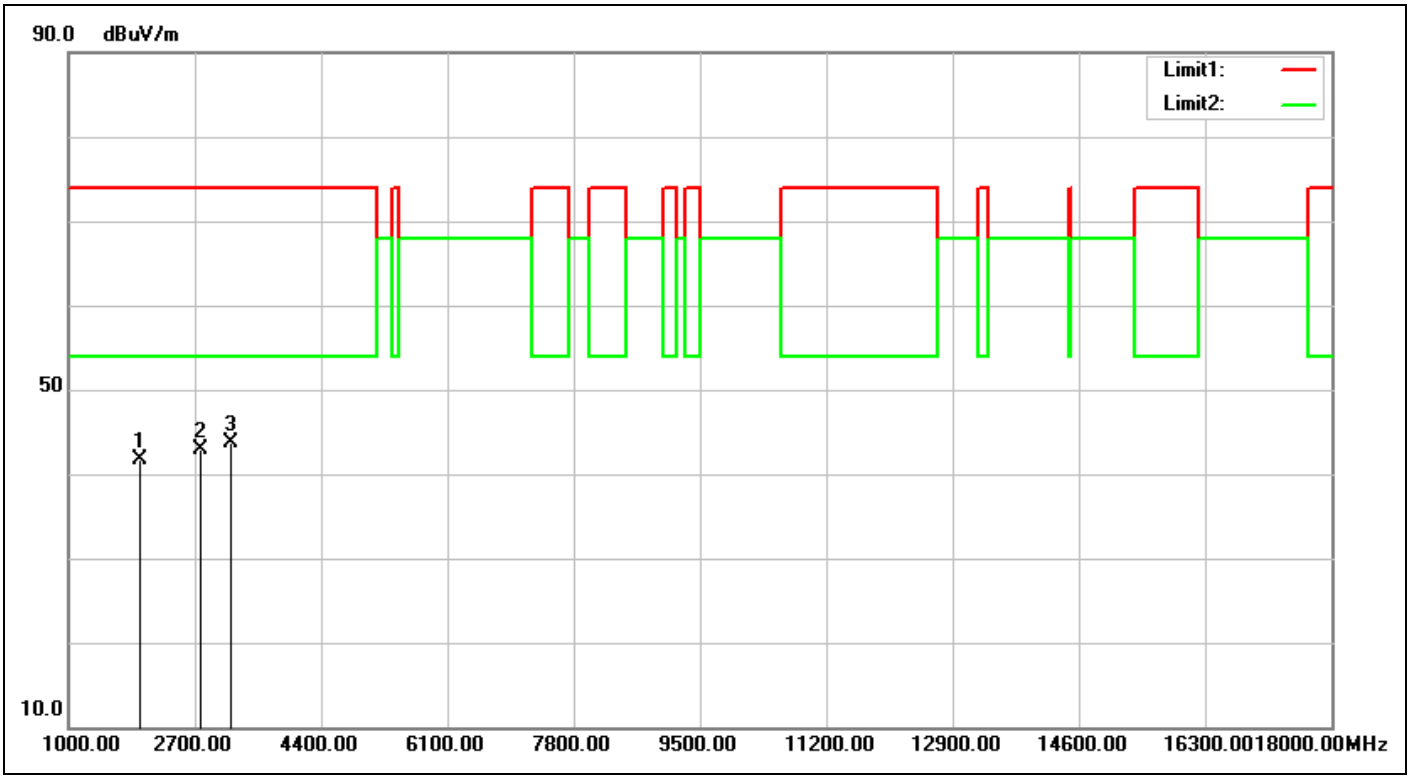


Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 2.8_9k-1G_3m**	**Ant. Polarization:**	
Test item:	**Radiation Emission**	**Test Time:**	**2019/2/21 13:41:16**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**20(℃)/52%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5240-TX-setting : 26**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	0.1500	18.35	25.08	43.43	104.02	-60.59	QP	100	216	
2	0.5678	18.65	21.11	39.76	72.52	-32.76	QP	100	186	
3	2.3589	18.57	11.59	30.16	69.50	-39.34	QP	100	304	
4	6.7766	19.81	11.09	30.90	69.50	-38.60	QP	100	299	
5	15.8212	21.12	9.44	30.56	69.50	-38.94	QP	100	58	
6	21.6121	21.67	10.54	32.21	69.50	-37.29	QP	100	342	

Spurious Emissions, RX Mode, 1 GHz – 18 GHz

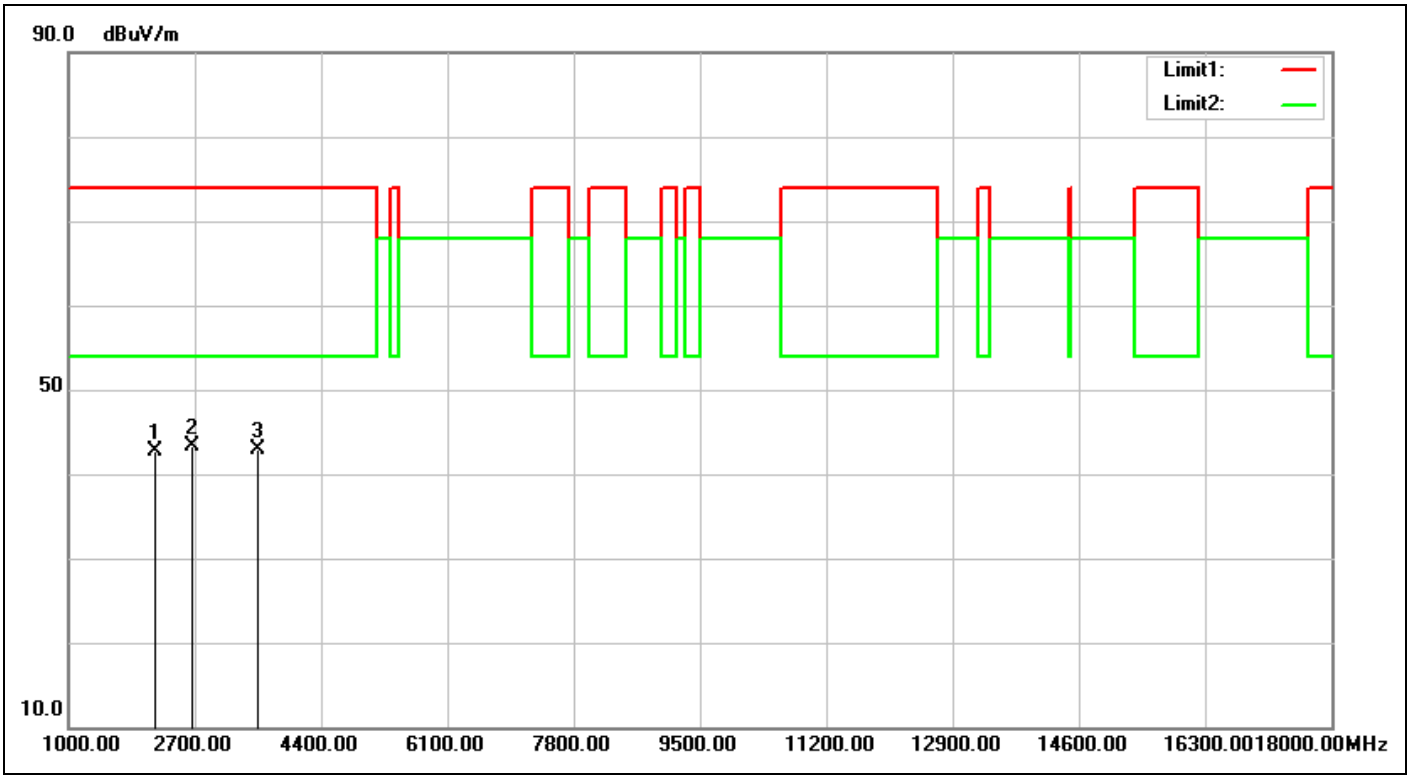
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/4/29 16:46:53**
Applicant:	鴻海精密工業股份有限公司	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**21.5(℃)/63%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5240-RX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	1969.000	-8.39	50.12	41.73	74.00	-32.27	peak	100	65	
2	2768.000	-7.65	50.51	42.86	74.00	-31.14	peak	100	360	
3	3193.000	-7.11	50.74	43.63	74.00	-30.37	peak	100	268	

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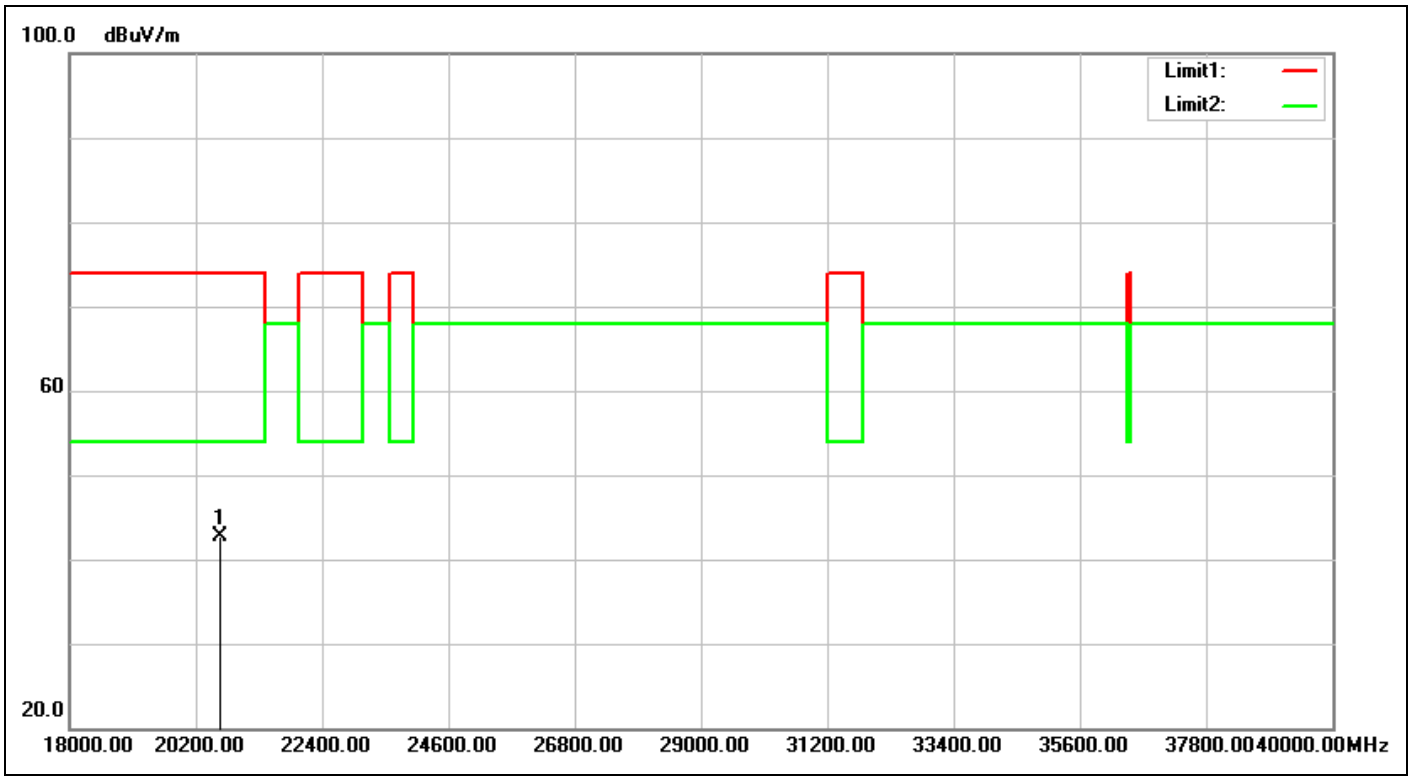


Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/4/29 16:47:44**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**21.5(℃)/63%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5240-RX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	2156.000	-8.16	50.82	42.66	74.00	-31.34	peak	100	28	
2	2666.000	-7.82	51.04	43.22	74.00	-30.78	peak	100	256	
3	3550.000	-6.76	49.70	42.94	74.00	-31.06	peak	100	147	

Spurious Emissions, RX Mode, 18 GHz – 40 GHz

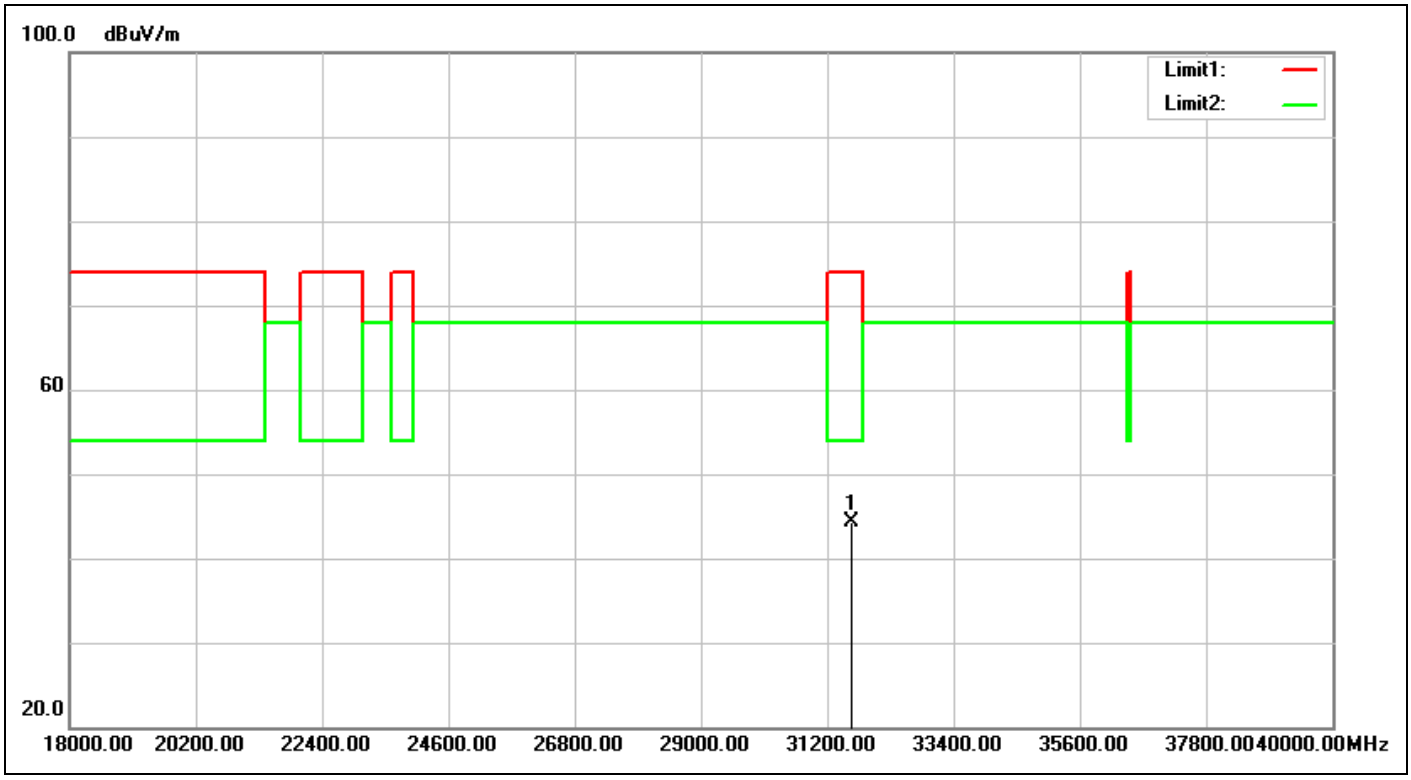
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/4/29 16:52:31**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**21.5(℃)/63%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5240-RX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	20618.000	4.26	38.37	42.63	74.00	-31.37	peak	100	18	

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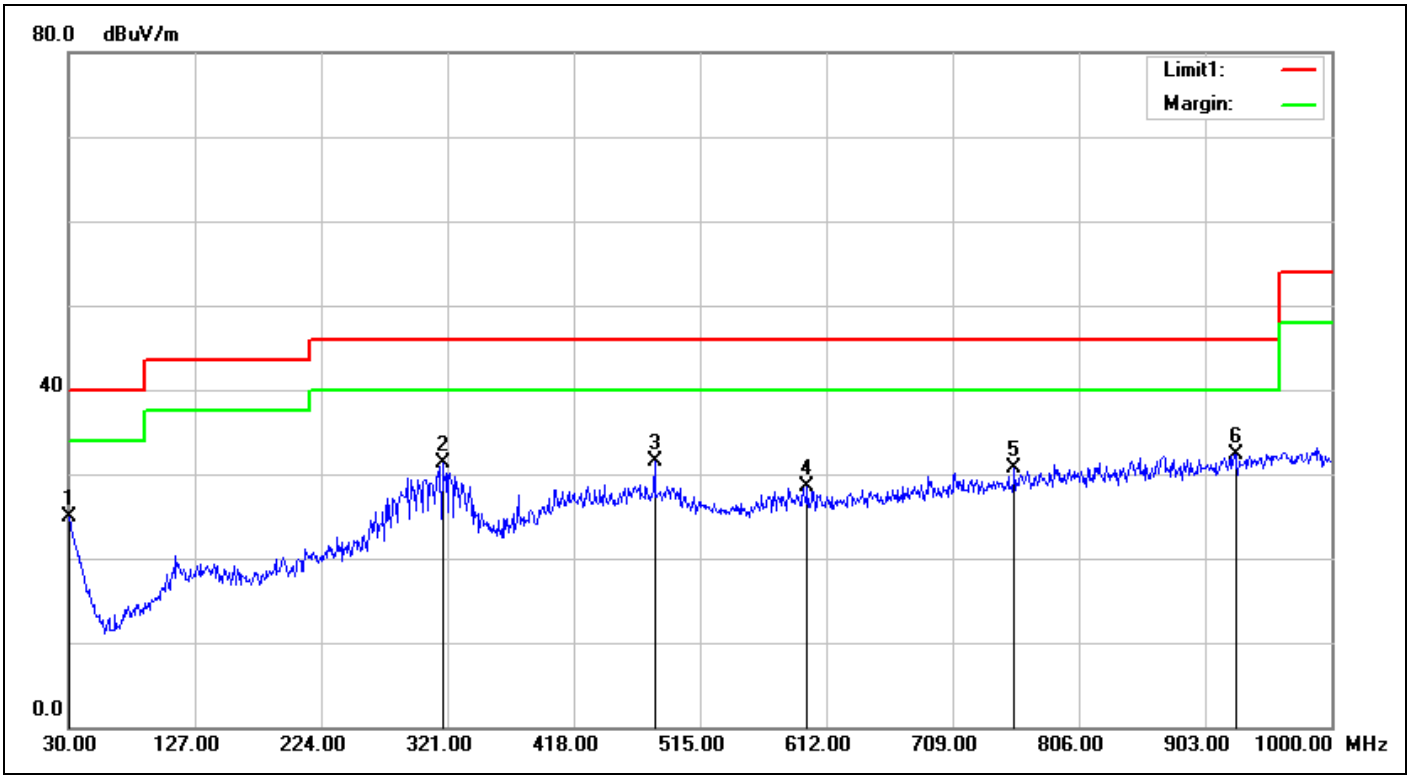


Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 1-40G UNII PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/4/29 16:53:13**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**21.5(℃)/63%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Kevin Kuo**
Test Mode:	**A-5240-RX**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	31618.000	5.20	39.10	44.30	74.00	-29.70	peak	100	295	

Spurious Emissions, RX Mode, 30 MHz – 1 GHz

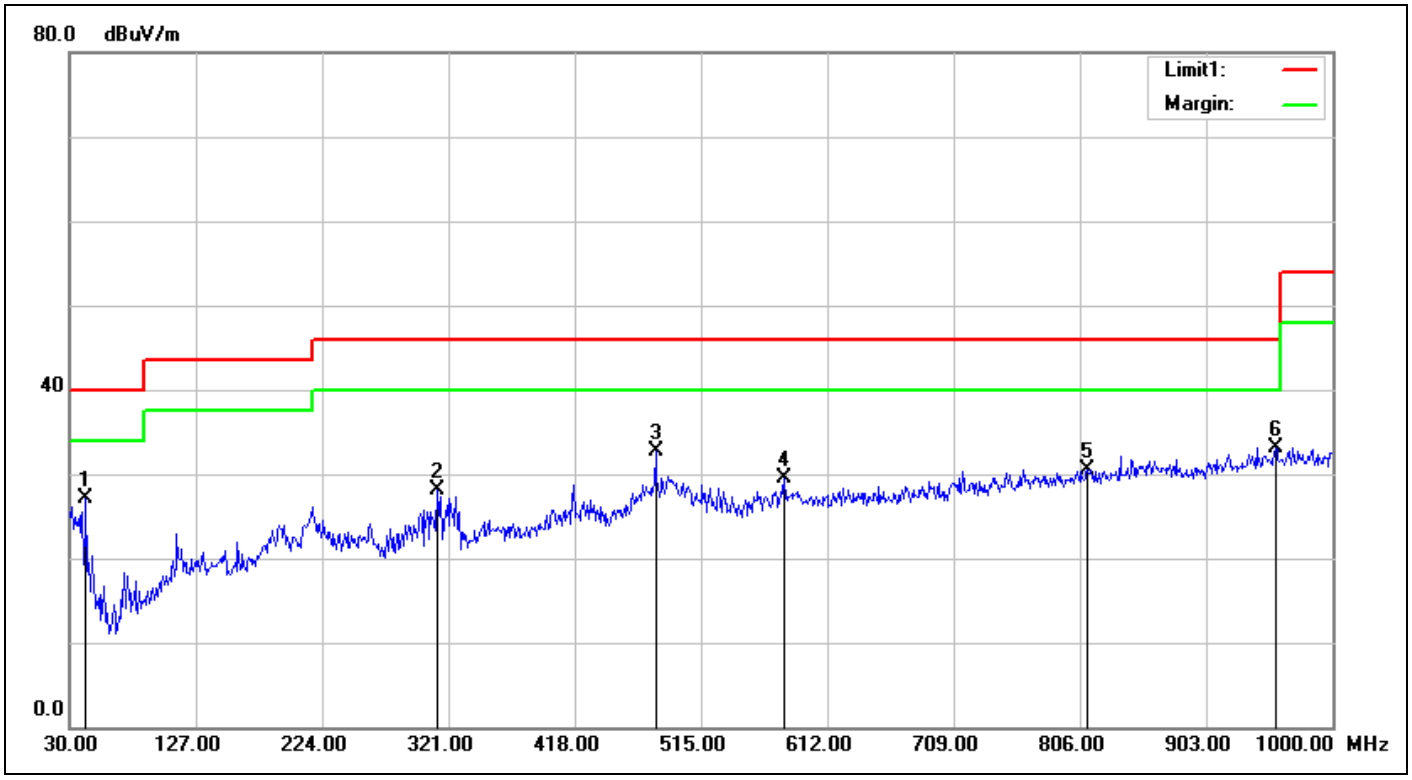
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 2.8_9k-1G_3m**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2019/4/29 16:26:25**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**21.5(℃)/63%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5240**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	30.9700	-0.51	25.48	24.97	40.00	-15.03	QP	100	259	
2	317.1200	-4.40	35.66	31.26	46.00	-14.74	QP	100	305	
3	480.0800	-1.52	33.06	31.54	46.00	-14.46	QP	100	212	
4	597.4500	0.22	28.28	28.50	46.00	-17.50	QP	100	187	
5	756.5300	2.54	28.19	30.73	46.00	-15.27	QP	100	219	
6	926.2800	4.89	27.39	32.28	46.00	-13.72	QP	100	1	

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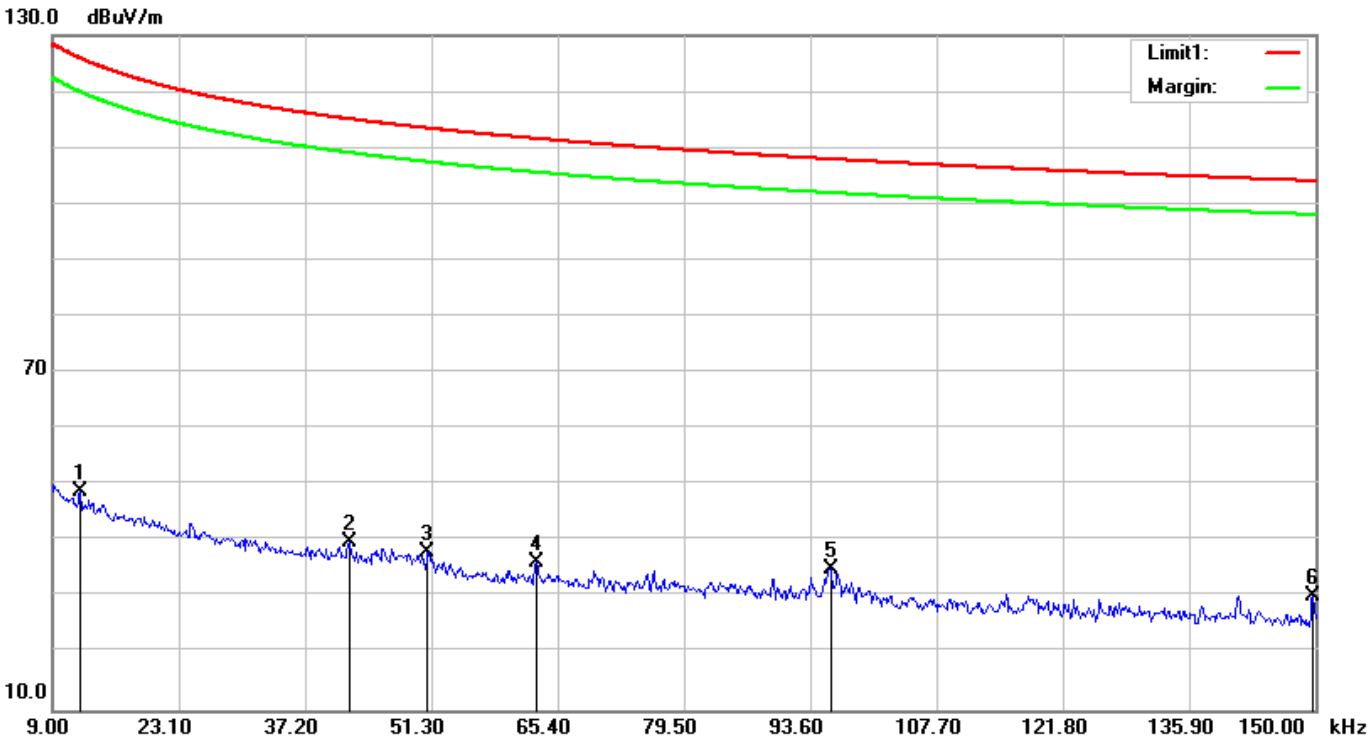


Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 2.8_9k-1G_3m**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2019/4/29 16:27:18**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**21.5(℃)/63%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5240**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	42.6100	-7.22	34.26	27.04	40.00	-12.96	QP	100	269	
2	312.2700	-4.47	32.51	28.04	46.00	-17.96	QP	100	233	
3	480.0800	-1.52	34.13	32.61	46.00	-13.39	QP	100	190	
4	579.0200	0.21	29.22	29.43	46.00	-16.57	QP	100	85	
5	811.8200	3.23	27.35	30.58	46.00	-15.42	QP	100	111	
6	956.3500	5.92	27.19	33.11	46.00	-12.89	QP	100	101	

Spurious Emissions, RX Mode, 9 kHz – 30 MHz

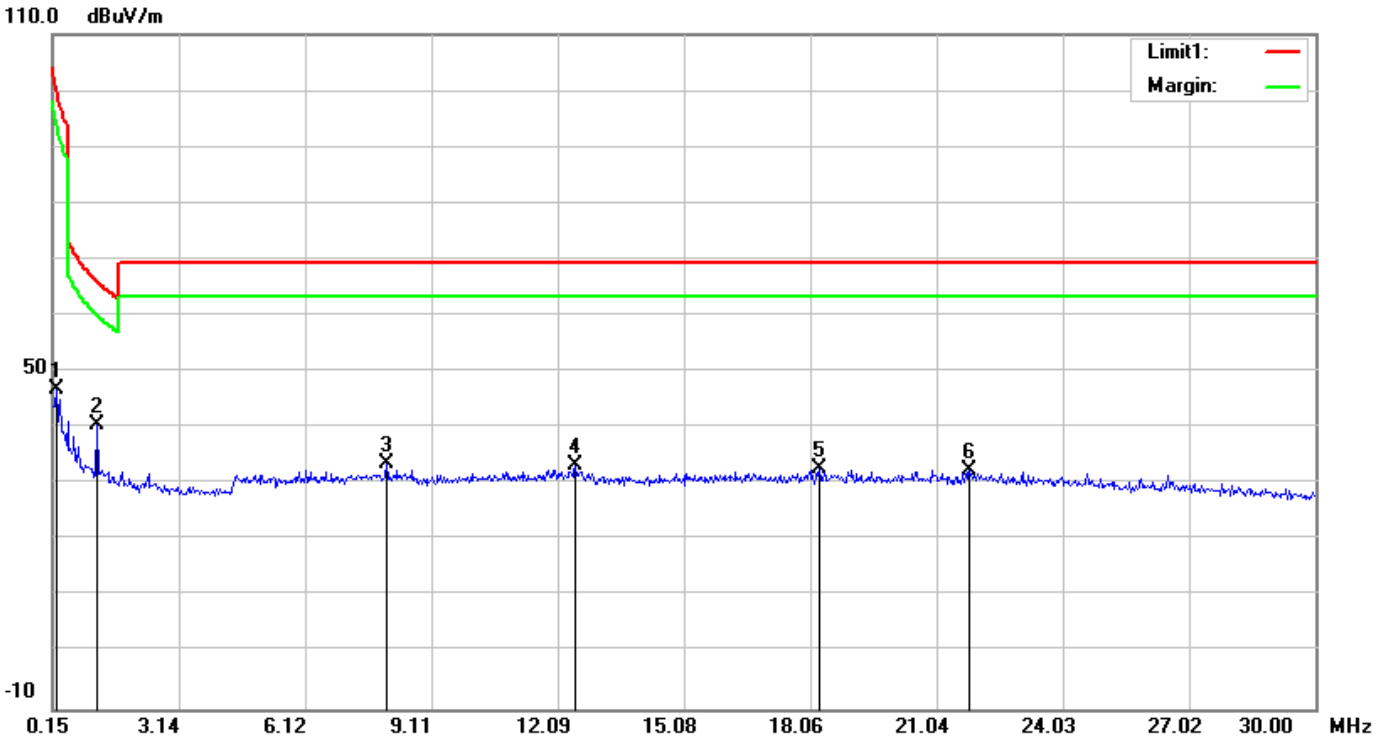
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Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 2.8_9k-1G_3m**	**Ant. Polarization:**	
Test item:	**Radiation Emission**	**Test Time:**	**2019/4/29 16:38:48**
Applicant:	**鴻海精密工業股份有限公司**	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**21.5(℃)/63%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5240**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	0.0121	18.60	30.11	48.71	125.93	-77.22	QP	100	359	
2	0.0421	19.08	20.68	39.76	115.11	-75.35	QP	100	3	
3	0.0509	18.91	19.27	38.18	113.46	-75.28	QP	100	49	
4	0.0630	18.76	17.57	36.33	111.61	-75.28	QP	100	318	
5	0.0959	18.38	16.78	35.16	107.96	-72.80	QP	100	272	
6	0.1497	18.35	11.93	30.28	104.09	-73.81	QP	100	299	

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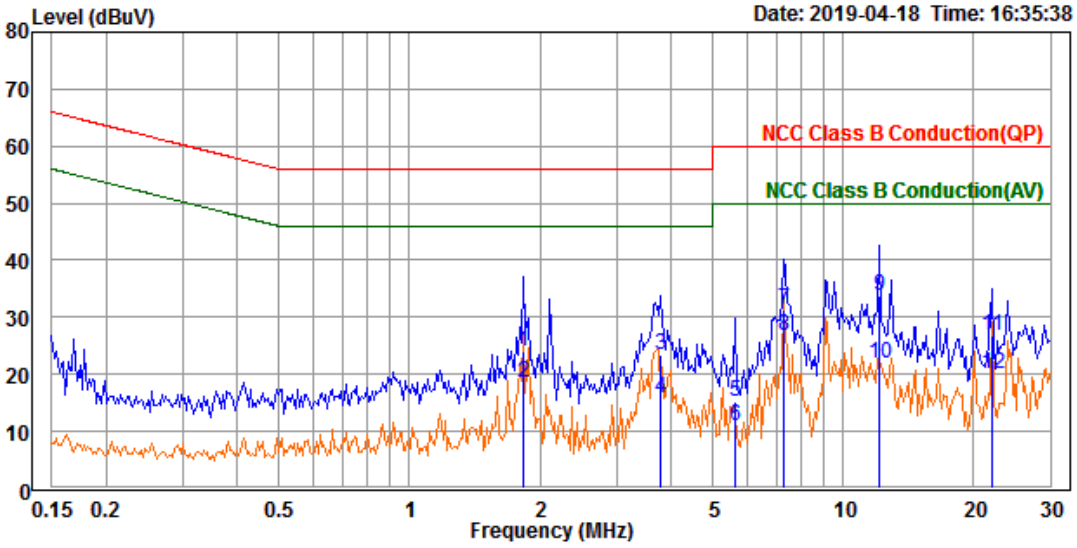


Service No.:	**238104465**	**Test Distance:**	**3m**
Test Standard:	**NCC 2.8_9k-1G_3m**	**Ant. Polarization:**	
Test item:	**Radiation Emission**	**Test Time:**	**2019/4/29 16:40:12**
Applicant:	鴻海精密工業股份有限公司	**Test Rating:**	**DC 5V**
Product:		**Temp.(℃)/Hum.(%):**	**21.5(℃)/63%**
Model No.:	**WBU042-IG5V**	**Test Engineer:**	**Curry Chen**
Test Mode:	**A-5240**		
Remark:	**BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module**		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (◦)	Remark
1	0.2396	18.41	28.40	46.81	100.01	-53.20	QP	100	272	
2	1.1948	18.66	21.84	40.50	66.08	-25.58	QP	100	246	
3	8.0603	20.06	13.71	33.77	69.50	-35.73	QP	100	325	
4	12.5079	20.74	12.59	33.33	69.50	-36.17	QP	100	16	
5	18.2690	21.40	11.36	32.76	69.50	-36.74	QP	100	13	
6	21.8211	21.67	10.92	32.59	69.50	-36.91	QP	100	239	

Spurious Emissions, AC Mains

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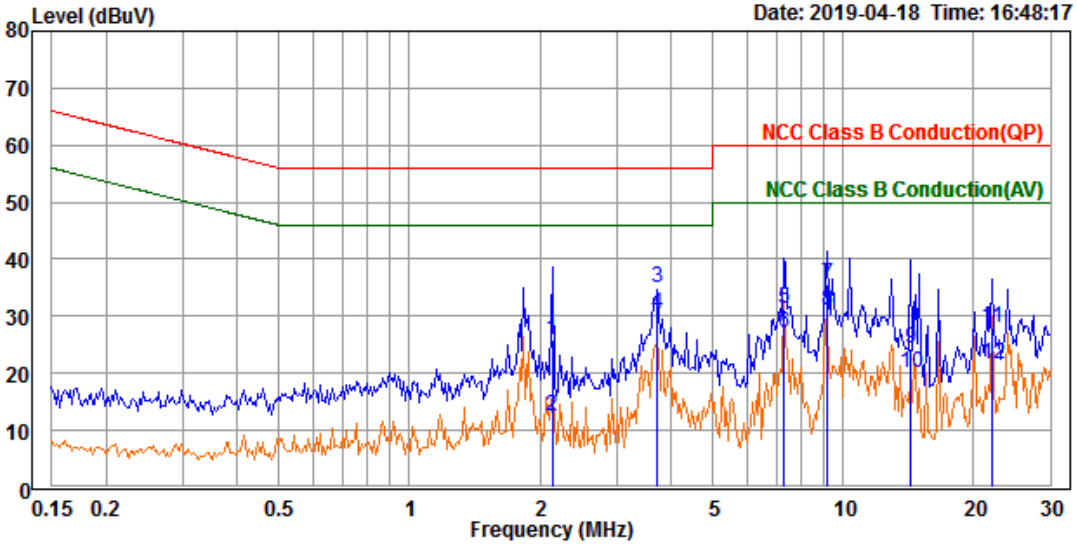


Trace: 1

Site : Conduction room
Condition : NCC Class B Conduction(QP) Line1
Test Engineer: Kevin Kuo
Applicant : 鴻海精密工業股份有限公司
Product : BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module
Model No. : WBU042-IG5V
Test Rating : 120Vac/60Hz
Tmp/Hum : 22℃/36%
Memo : AC Mains (WiFi 5G)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	1.837	14.22	9.72	23.94	56.00	-32.06	QP
2	1.837	8.92	9.72	18.64	46.00	-27.36	Average
3	3.795	13.68	9.74	23.42	56.00	-32.58	QP
4	3.795	6.09	9.74	15.83	46.00	-30.17	Average
5	5.647	5.43	9.77	15.20	60.00	-44.80	QP
6	5.647	1.21	9.77	10.98	50.00	-39.02	Average
7	7.313	21.63	9.79	31.42	60.00	-28.58	QP
8	7.313	17.10	9.79	26.89	50.00	-23.11	Average
9	12.141	23.78	9.84	33.62	60.00	-26.38	QP
10	12.141	12.00	9.84	21.84	50.00	-28.16	Average
11	22.044	16.90	9.86	26.76	60.00	-33.24	QP
12	22.044	10.32	9.86	20.18	50.00	-29.82	Average

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Trace: 1

Site : Conduction room
Condition : NCC Class B Conduction(QP) neutral
Test Engineer: Kevin Kuo
Applicant : 鴻海精密工業股份有限公司
Product : BT5.0 + WLAN a/b/g/n/ac Combo Wireless Module
Model No. : WBU042-IG5V
Test Rating : 120Vac/60Hz
Tmp/Hum : 22℃/36%
Memo : AC Mains (WiFi 5G)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	2.132	16.17	9.72	25.89	56.00	-30.11	QP
2	2.132	2.66	9.72	12.38	46.00	-33.62	Average
3	3.720	25.14	9.74	34.88	56.00	-21.12	QP
4	3.720	20.67	9.74	30.41	46.00	-15.59	Average
5	7.313	21.63	9.80	31.43	60.00	-28.57	QP
6	7.313	17.14	9.80	26.94	50.00	-23.06	Average
7	9.191	25.72	9.83	35.55	60.00	-24.45	QP
8	9.191	21.23	9.83	31.06	50.00	-18.94	Average
9	14.234	14.59	9.88	24.47	60.00	-35.53	QP
10	14.234	10.05	9.88	19.93	50.00	-30.07	Average
11	22.044	18.11	9.92	28.03	60.00	-31.97	QP
12	22.044	11.75	9.92	21.67	50.00	-28.33	Average