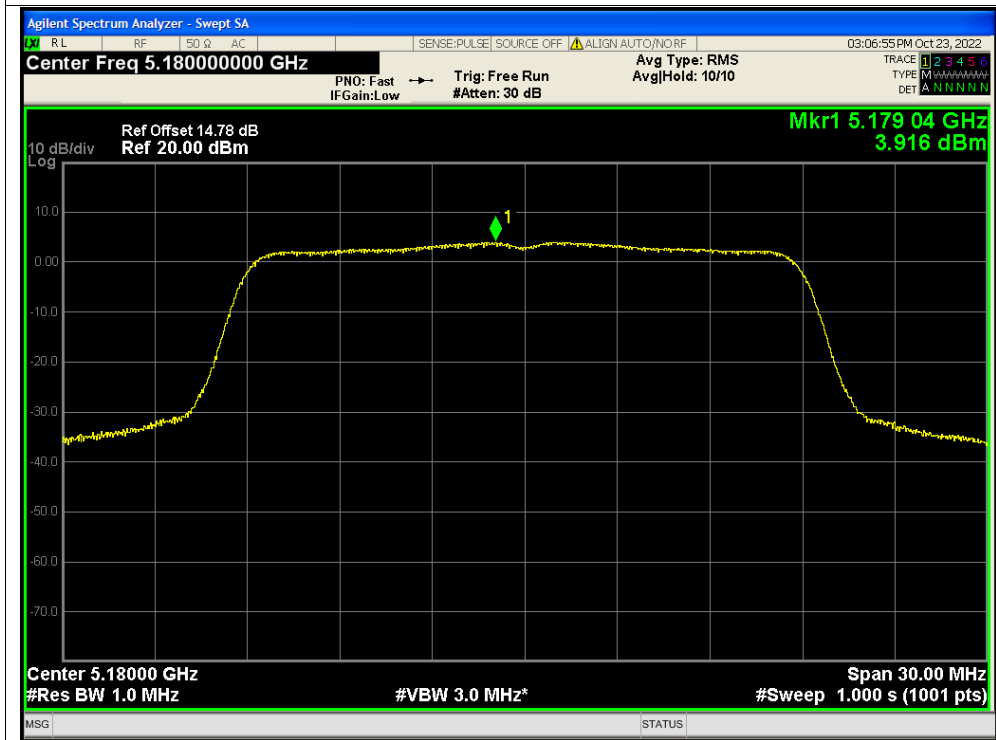
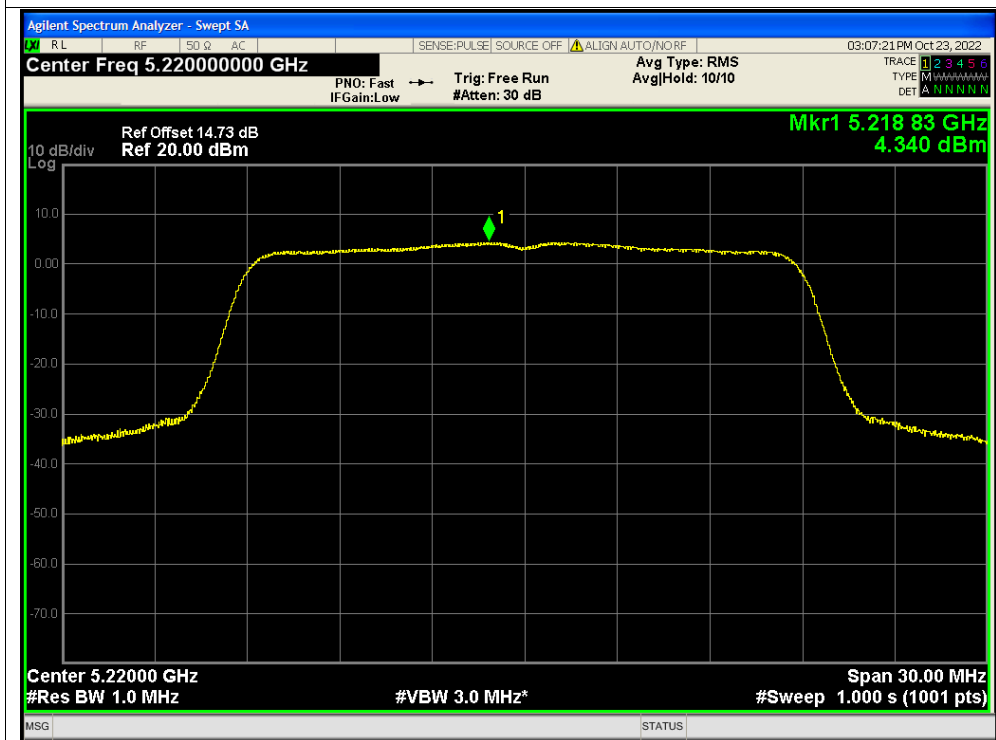




PSD NVNT n20 5180MHz Ant2

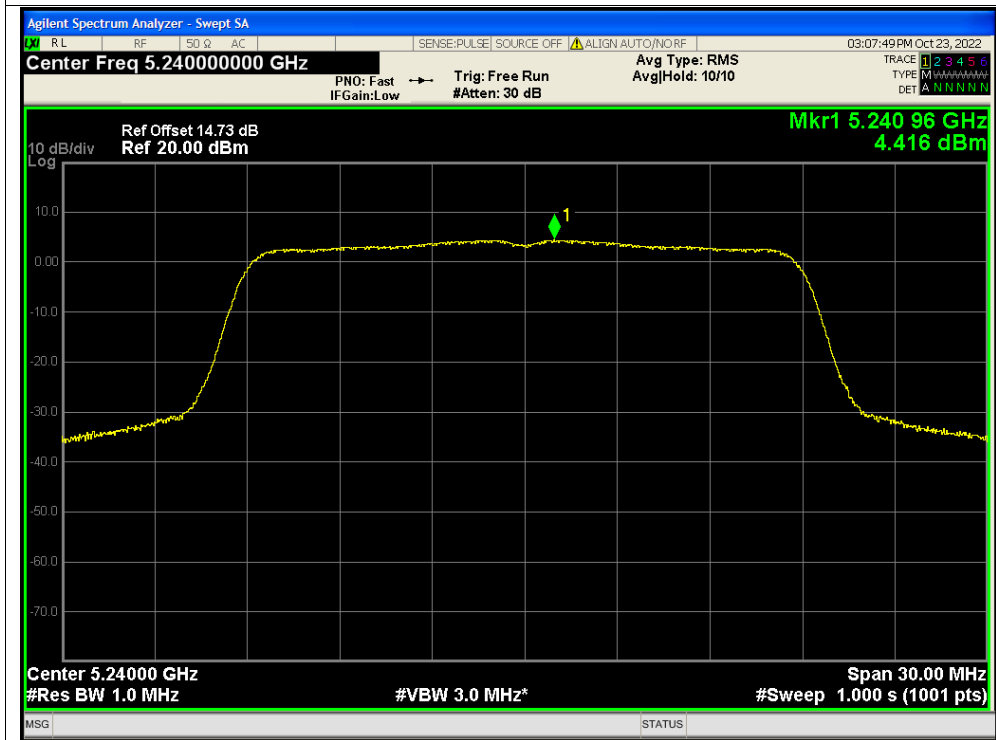


PSD NVNT n20 5220MHz Ant2

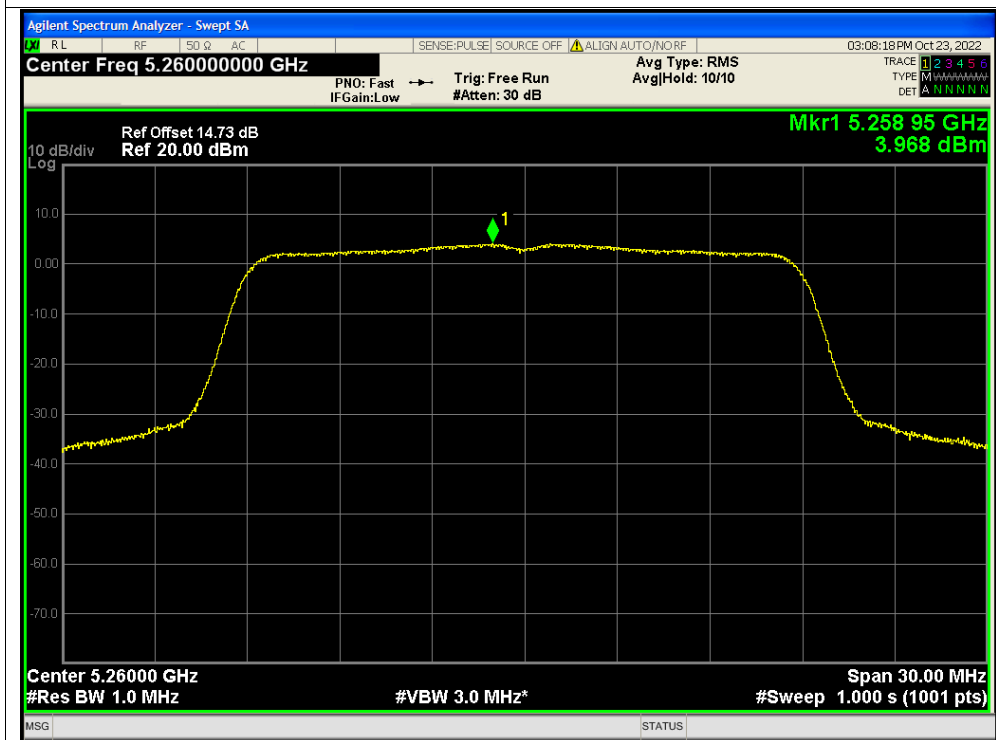




PSD NVNT n20 5240MHz Ant2

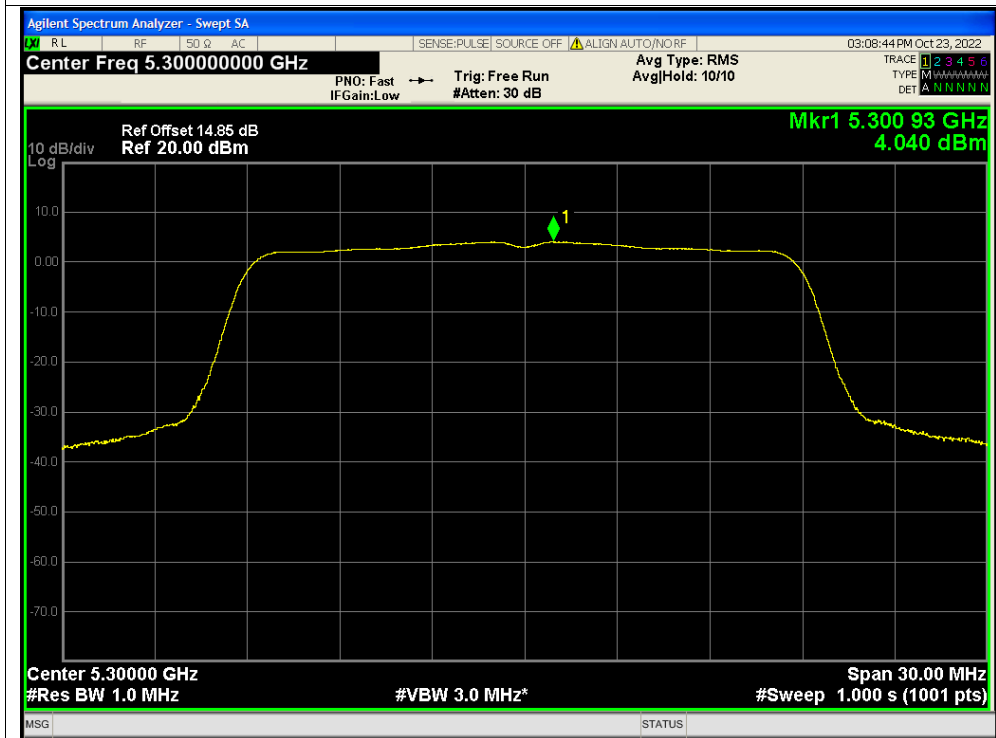


PSD NVNT n20 5260MHz Ant2

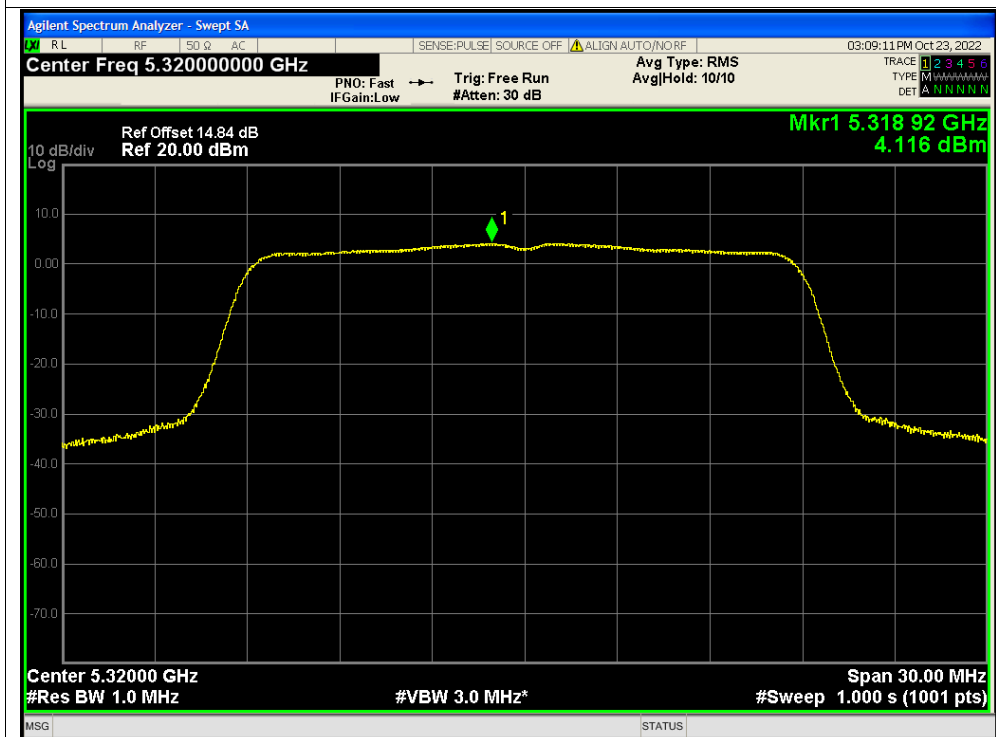




PSD NVNT n20 5300MHz Ant2

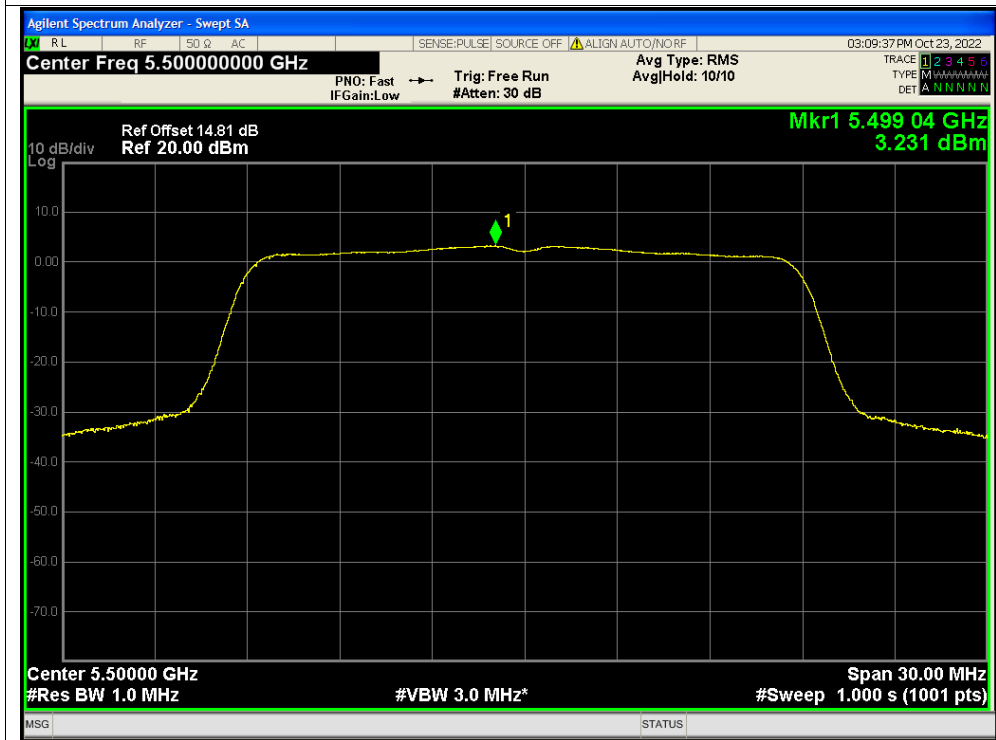


PSD NVNT n20 5320MHz Ant2

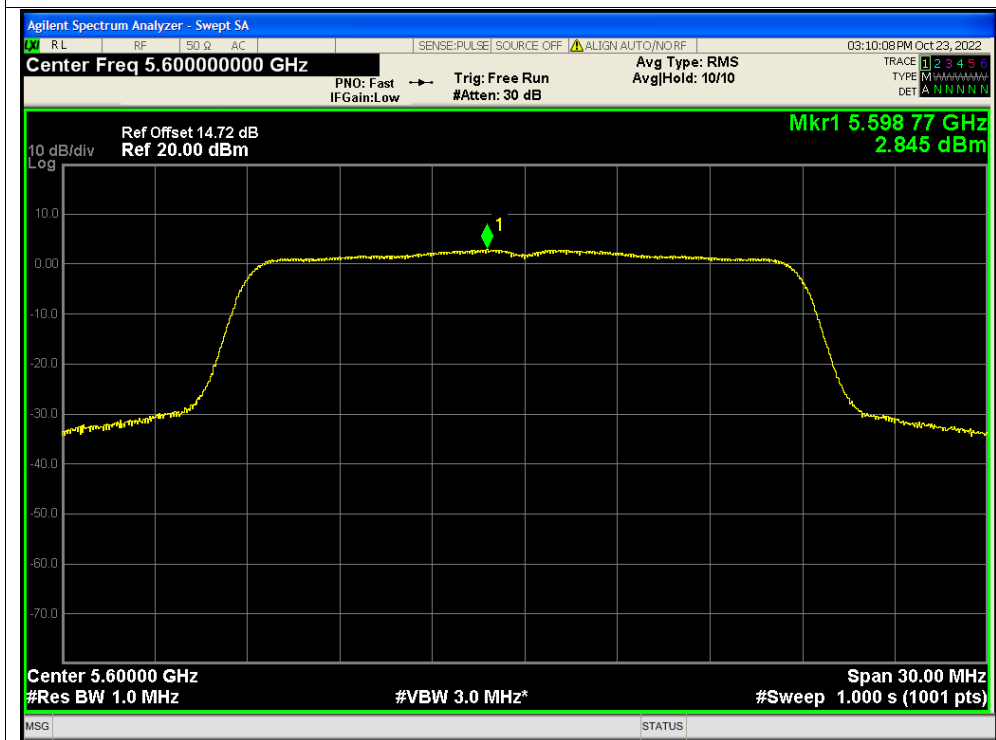




PSD NVNT n20 5500MHz Ant2

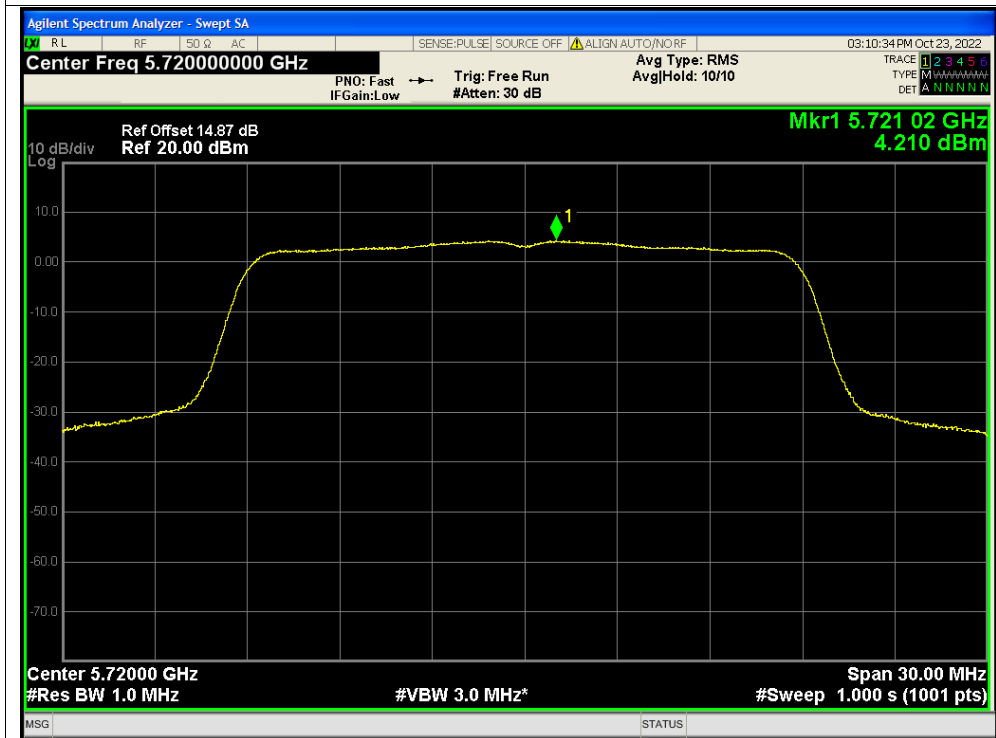


PSD NVNT n20 5600MHz Ant2

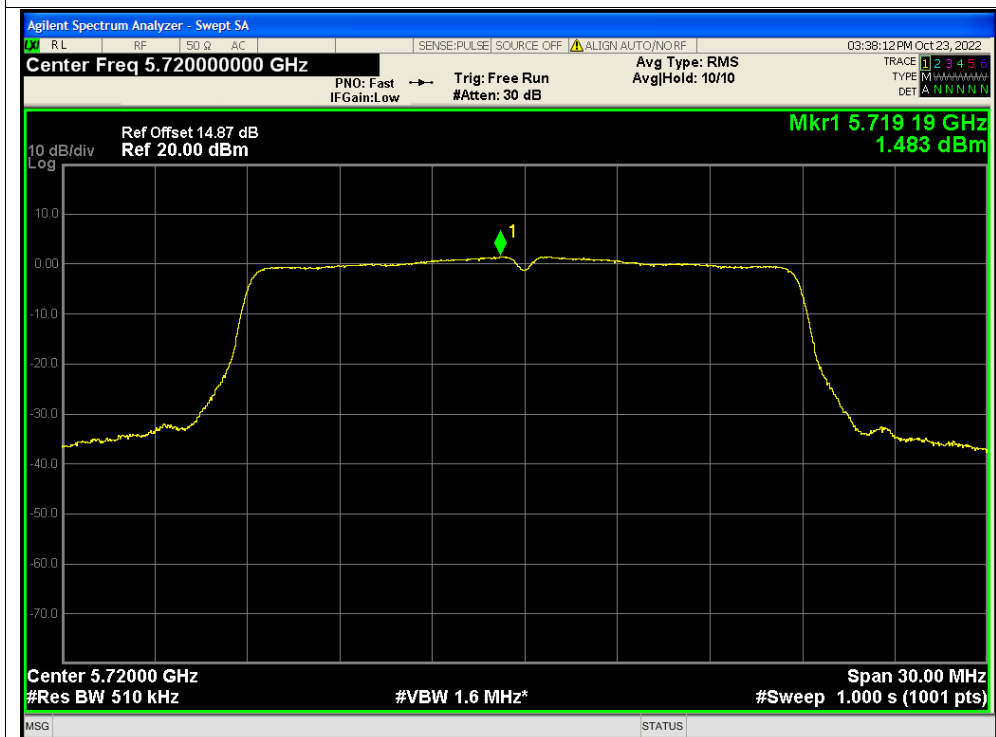




PSD NVNT n20 5720MHz Ant2

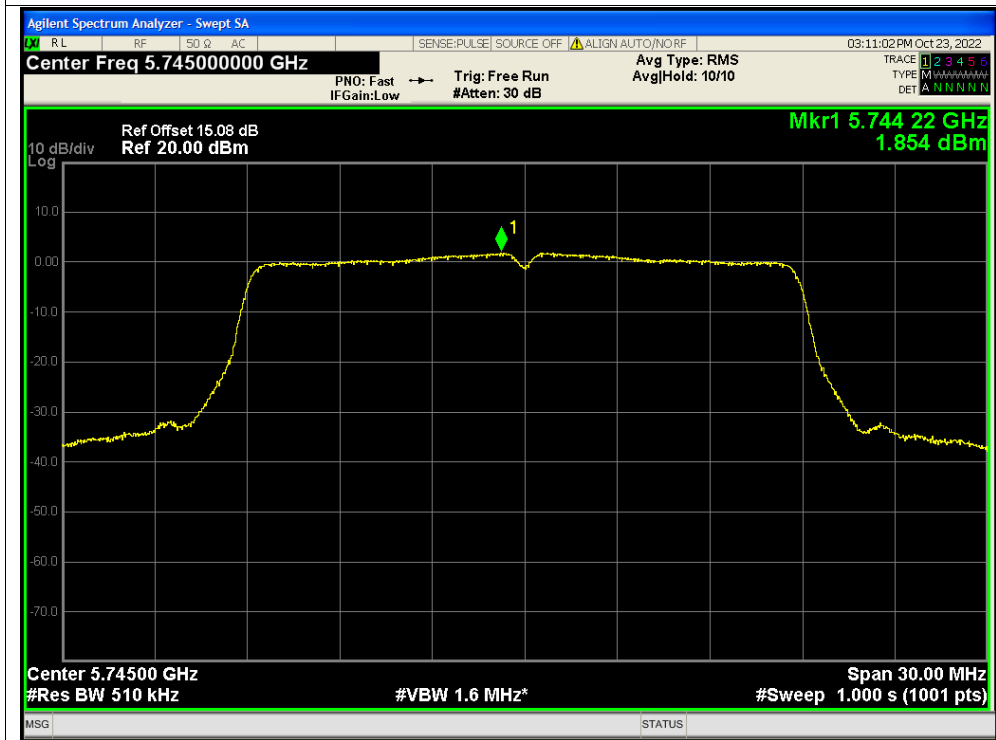


PSD NVNT n20 5720MHz Ant2

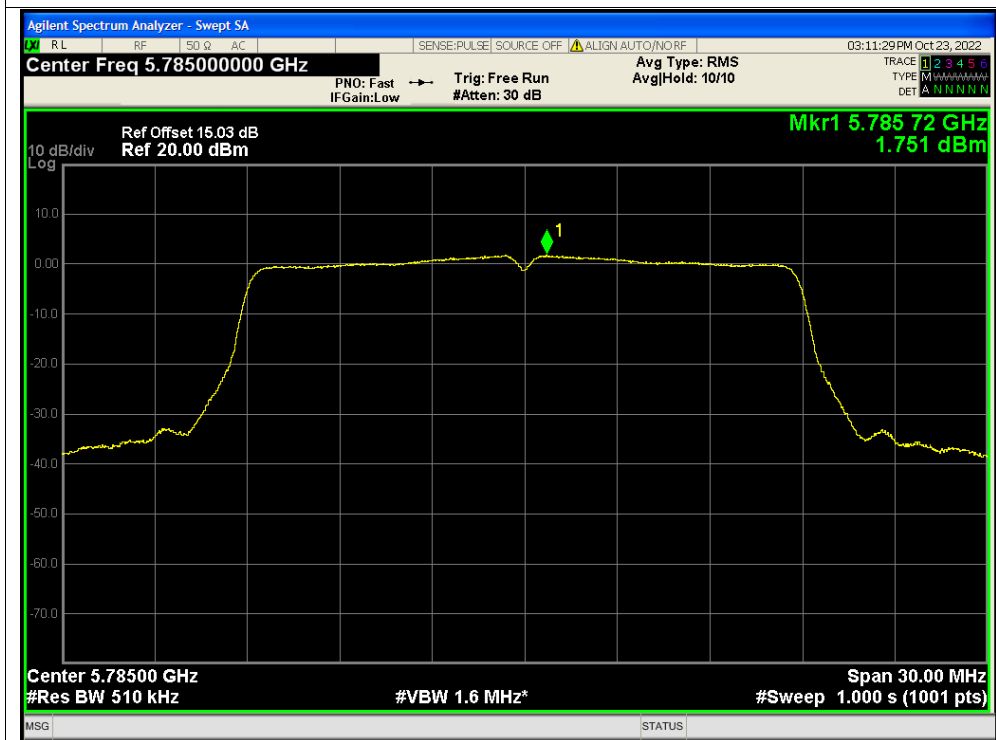




PSD NVNT n20 5745MHz Ant2



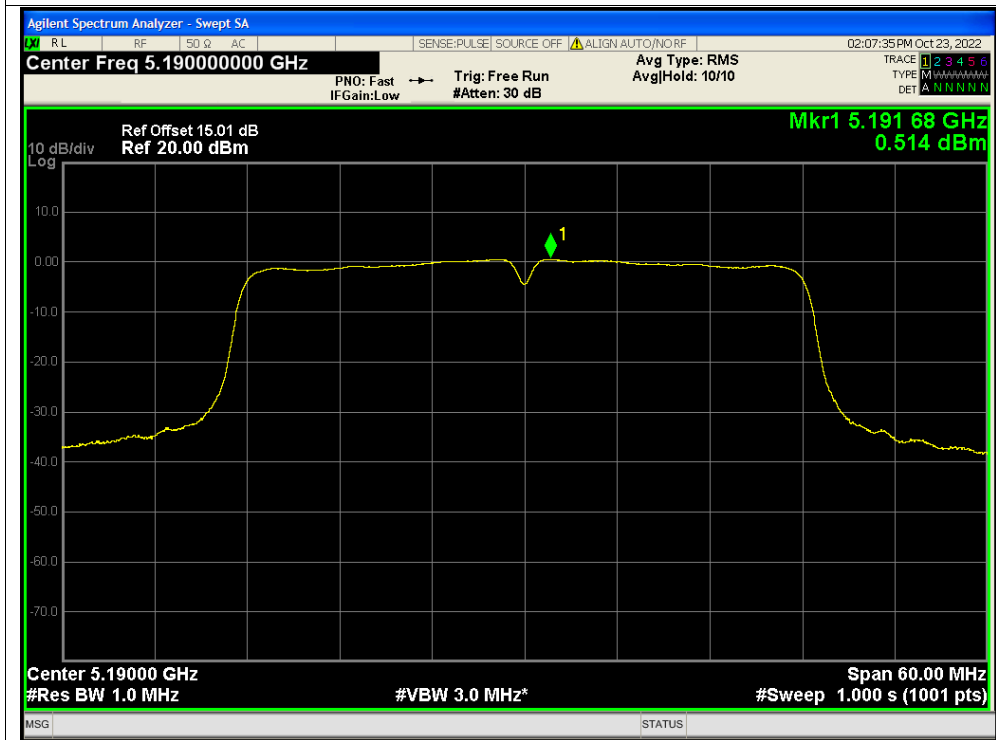
PSD NVNT n20 5785MHz Ant2



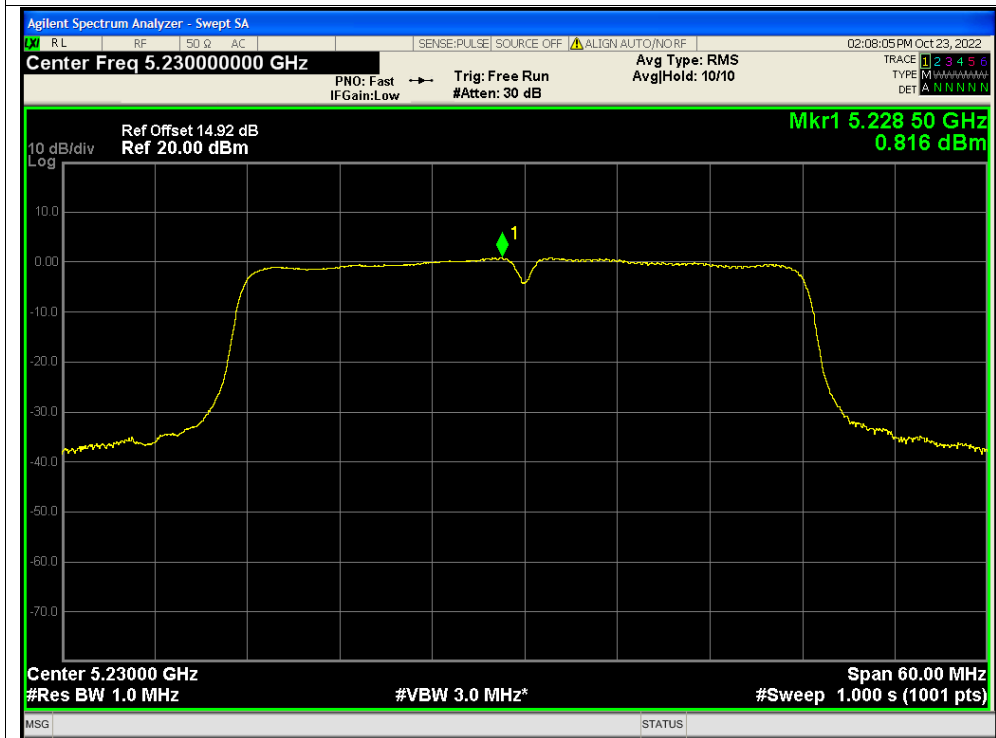




### PSD NVNT n40 5190MHz Ant1



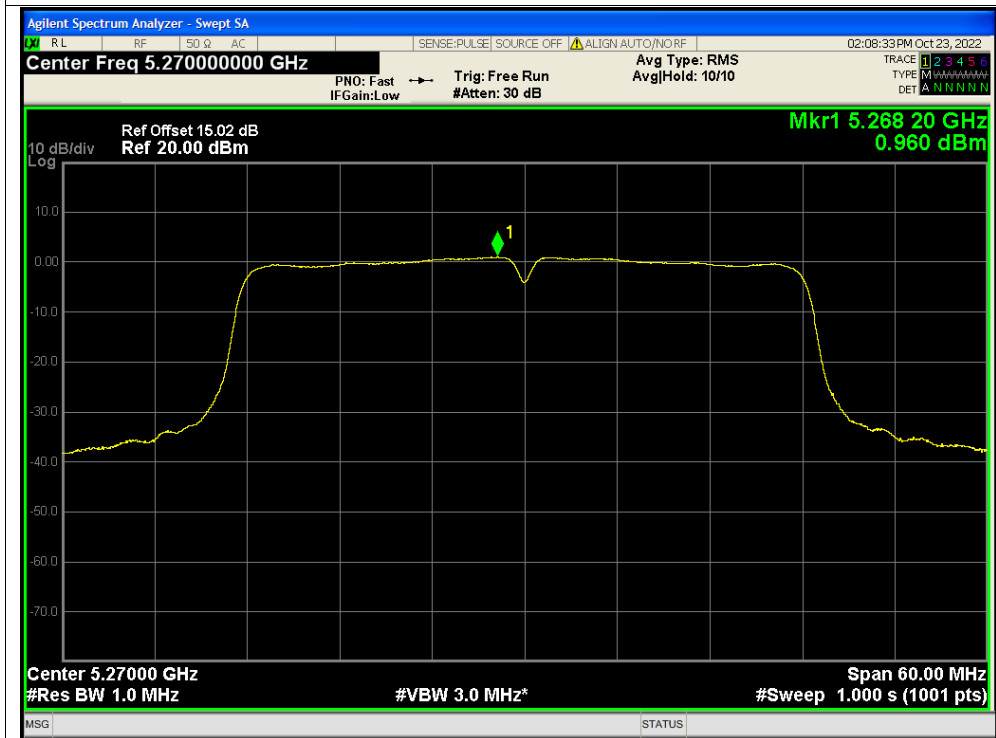
### PSD NVNT n40 5230MHz Ant1



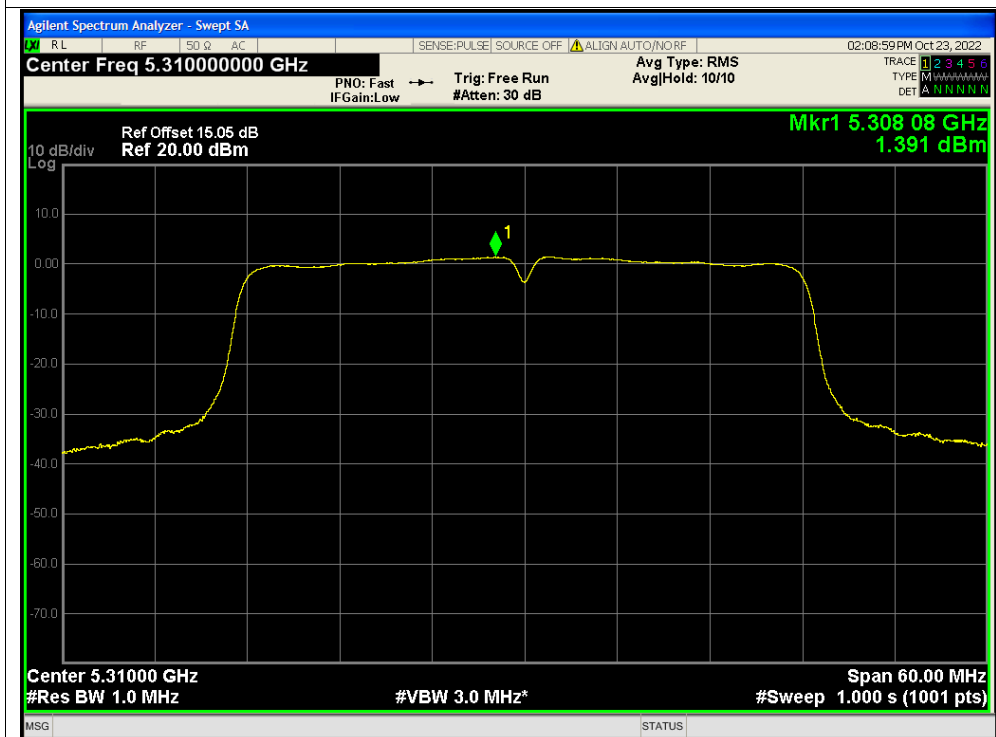




PSD NVNT n40 5270MHz Ant1

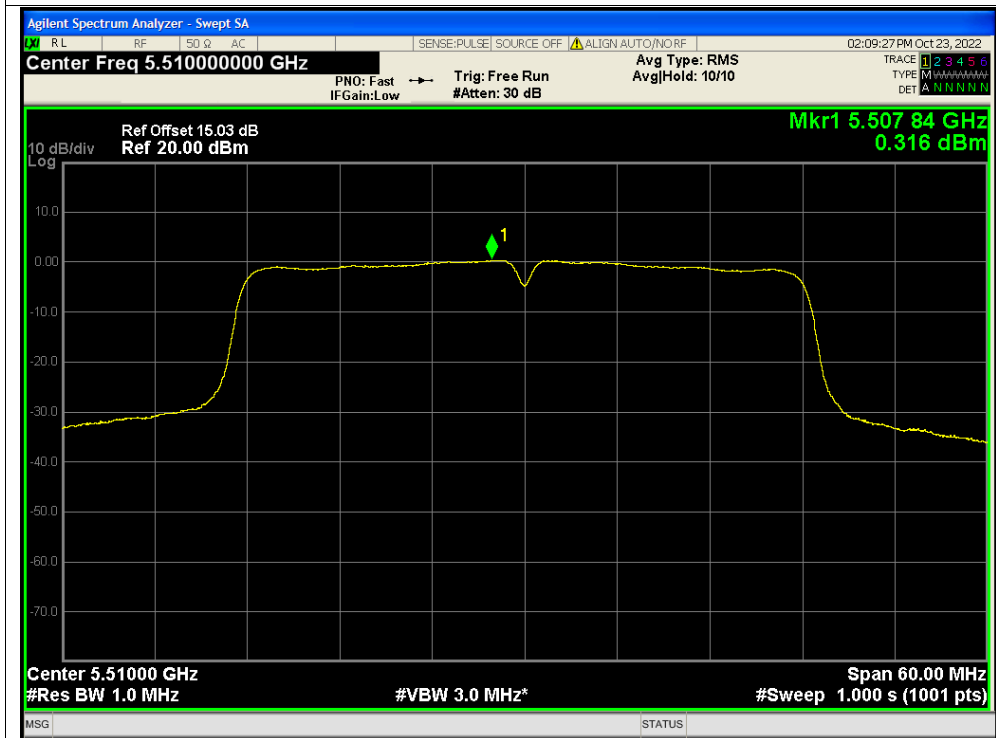


PSD NVNT n40 5310MHz Ant1

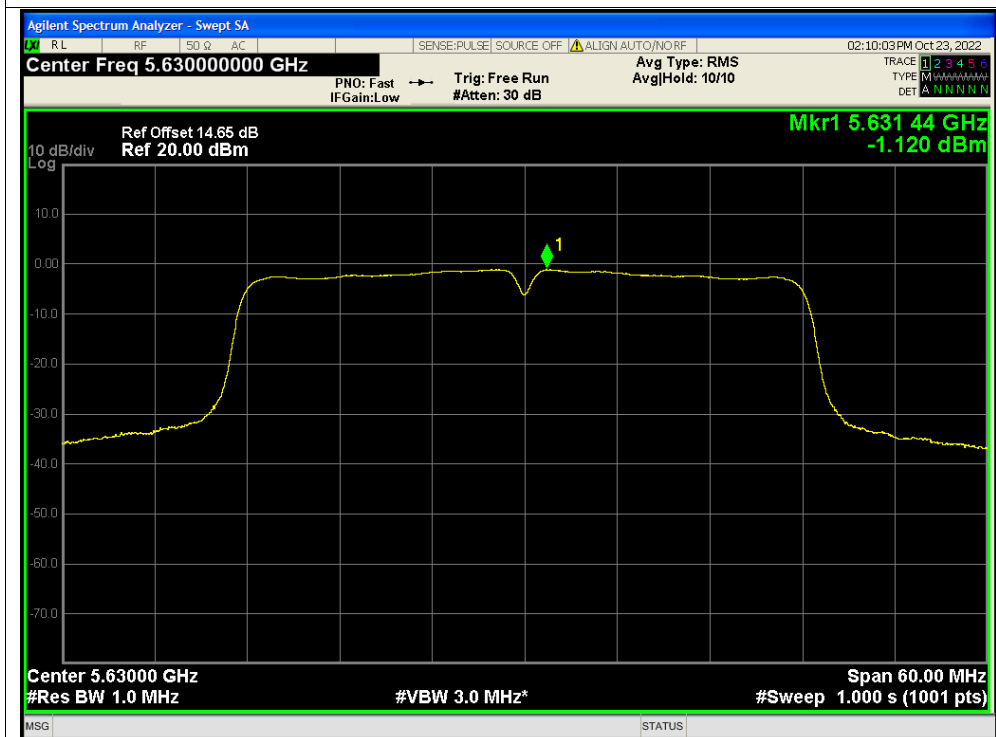




PSD NVNT n40 5510MHz Ant1

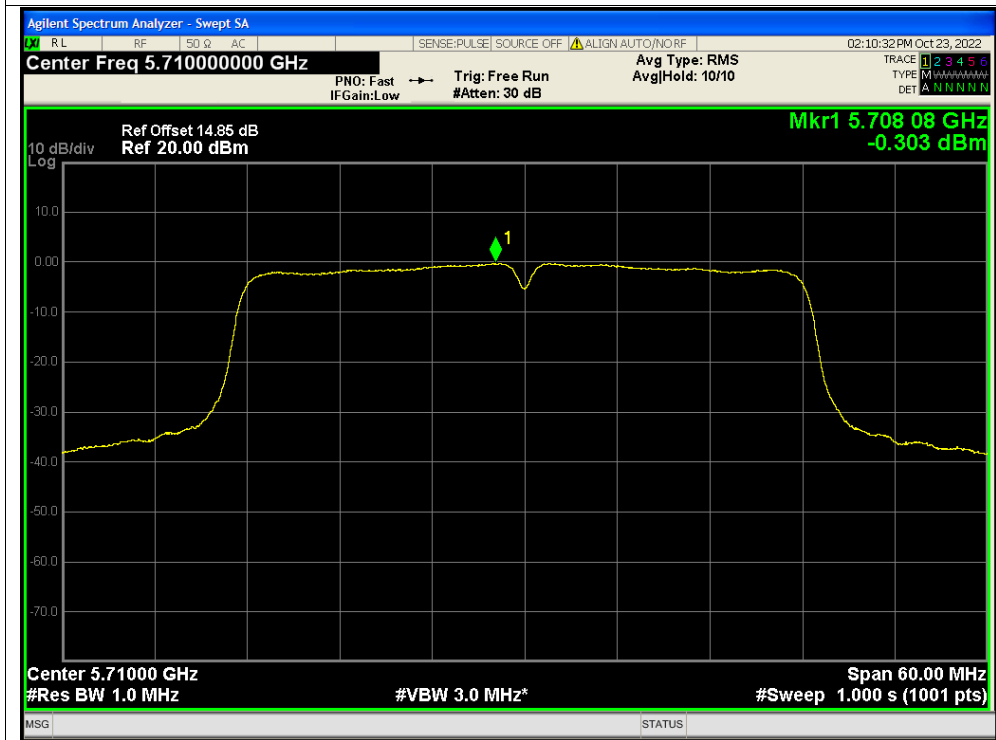


PSD NVNT n40 5630MHz Ant1

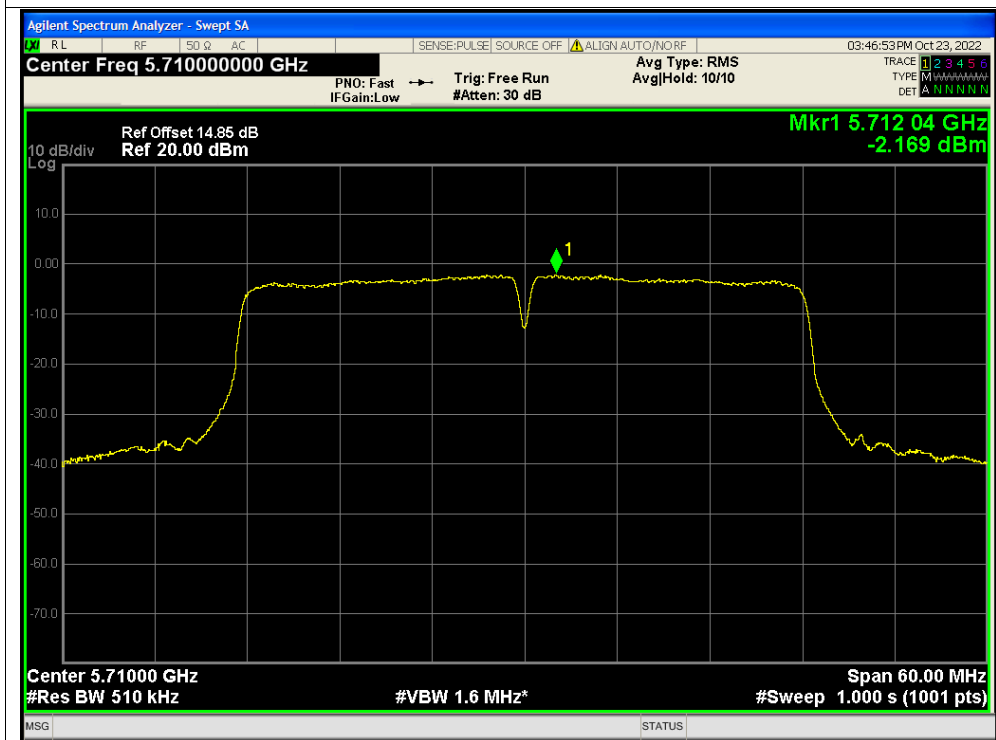




PSD NVNT n40 5710MHz Ant1

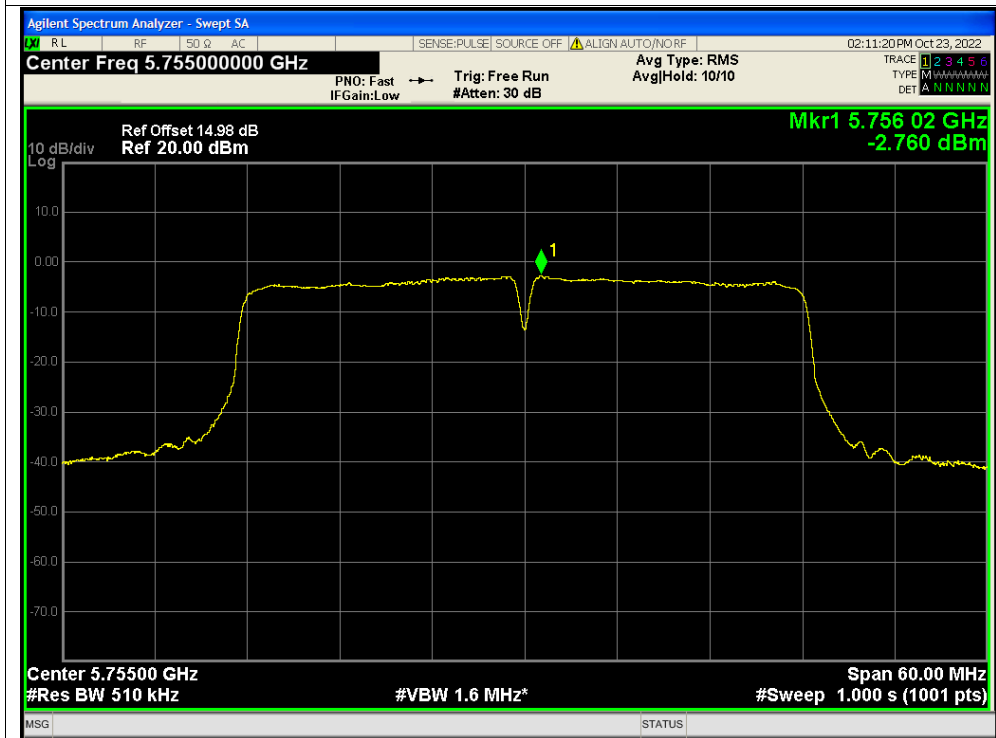


PSD NVNT n40 5710MHz Ant1





PSD NVNT n40 5755MHz Ant1

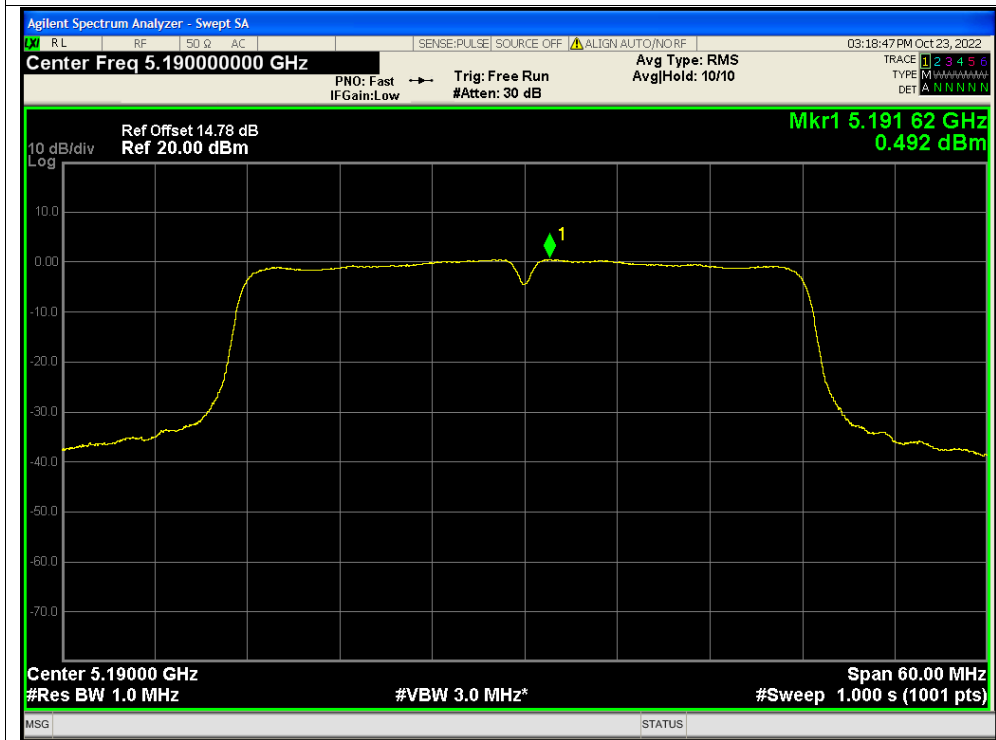


PSD NVNT n40 5795MHz Ant1

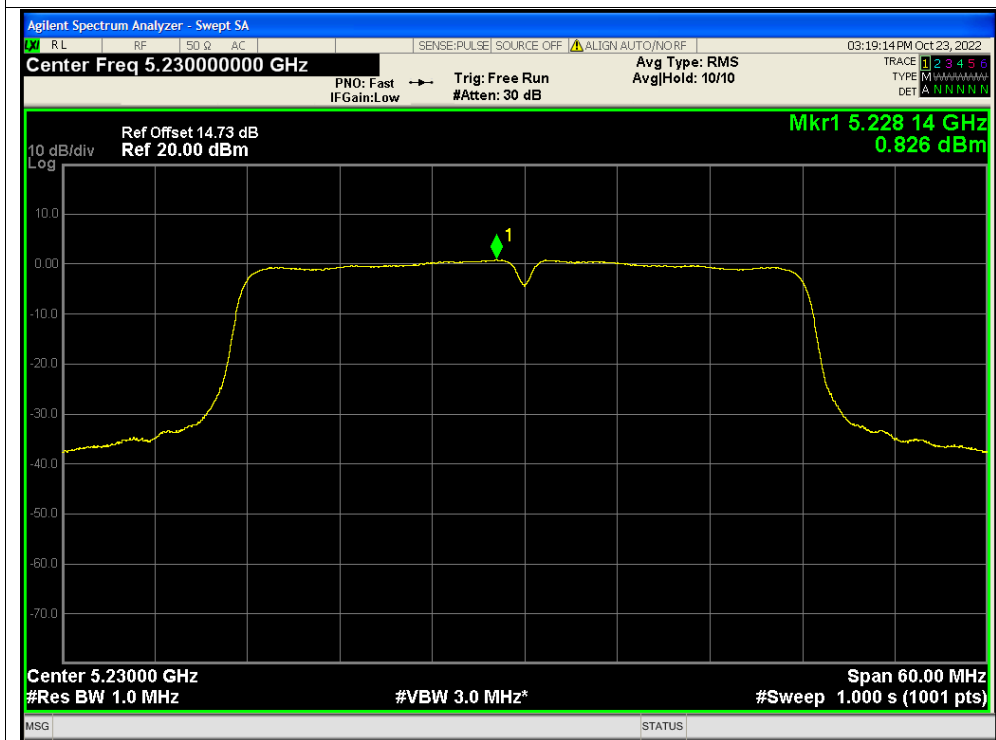




PSD NVNT n40 5190MHz Ant2

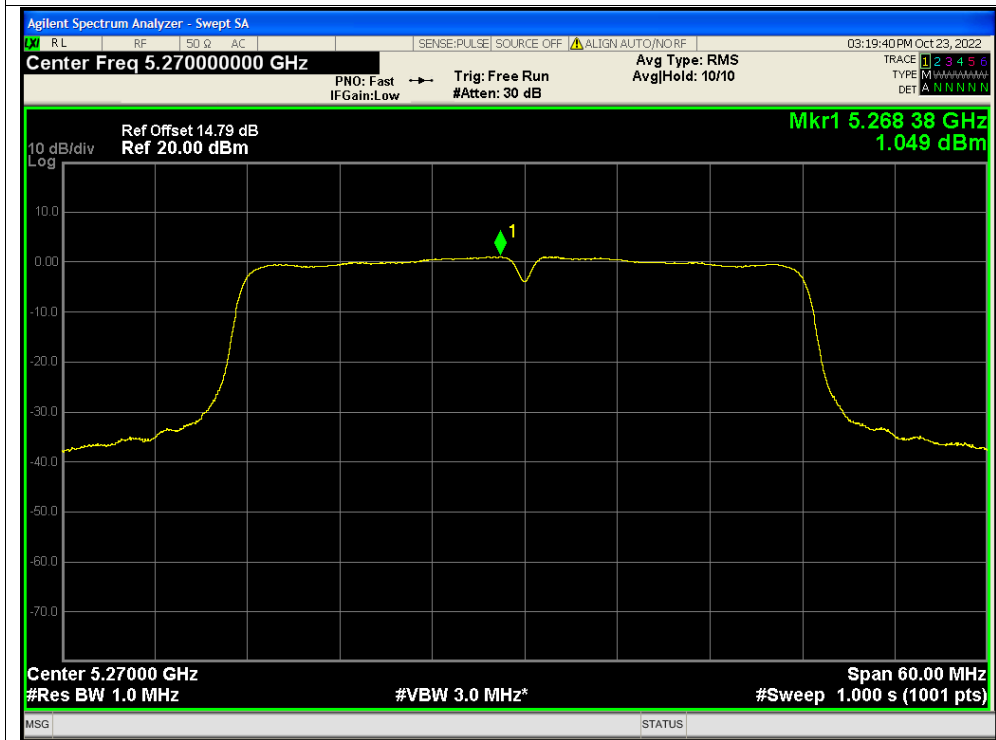


PSD NVNT n40 5230MHz Ant2

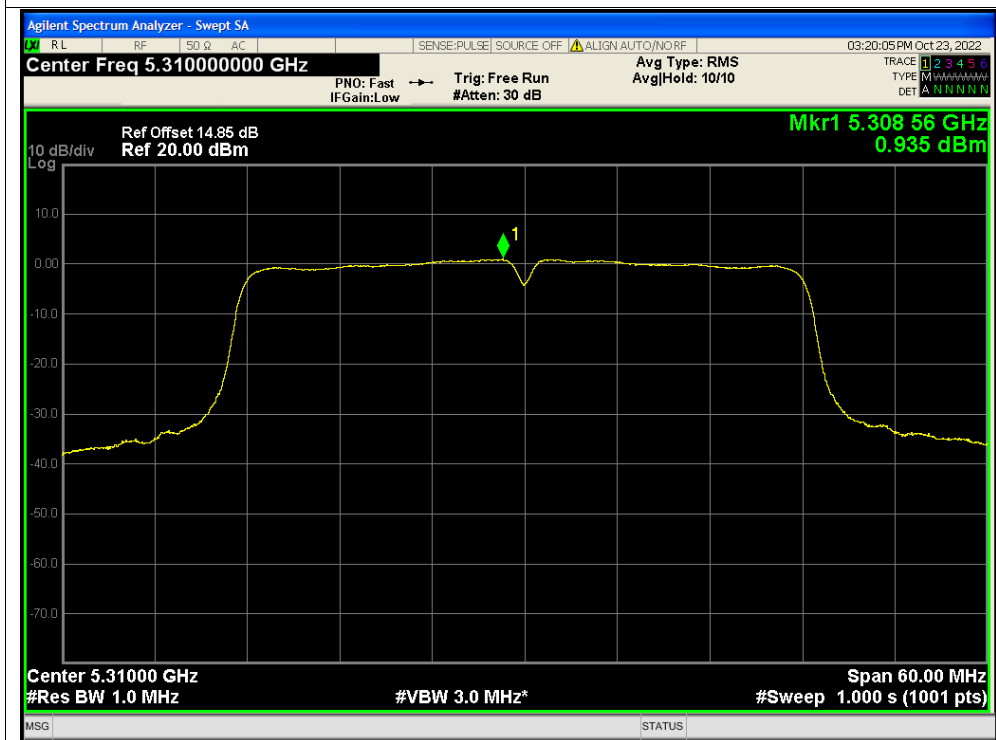




PSD NVNT n40 5270MHz Ant2

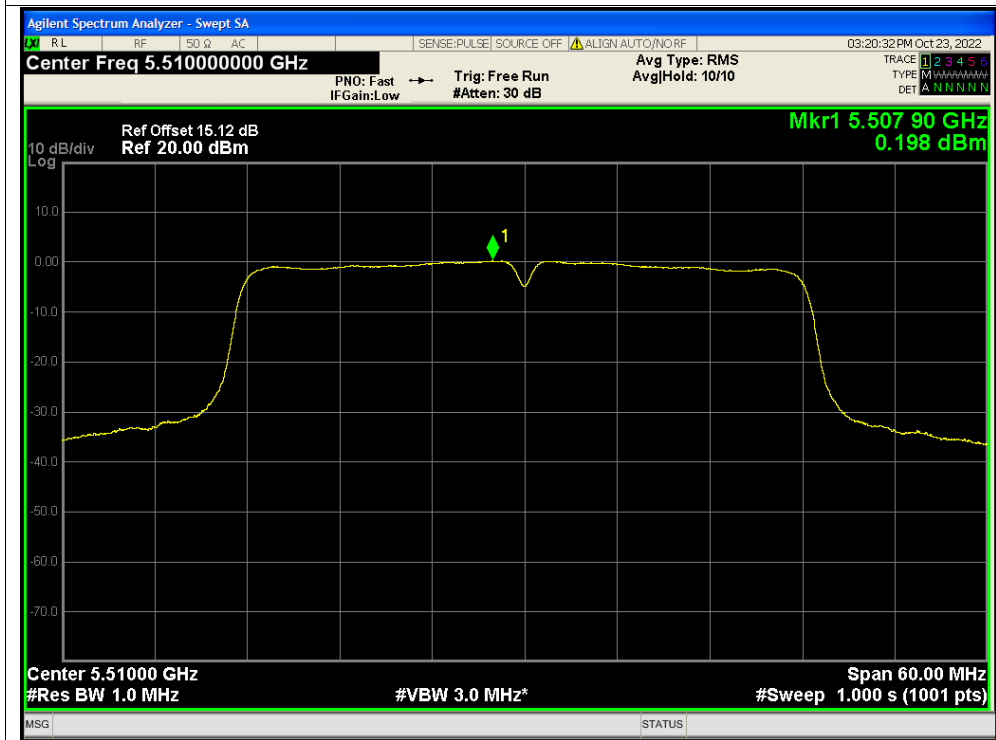


PSD NVNT n40 5310MHz Ant2

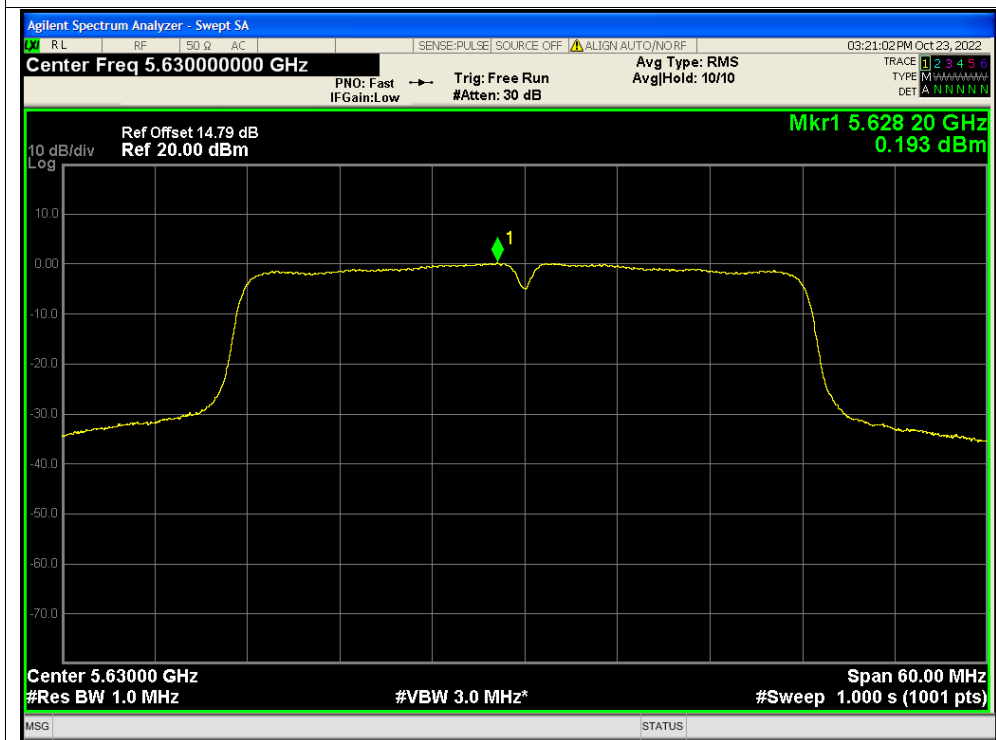




PSD NVNT n40 5510MHz Ant2

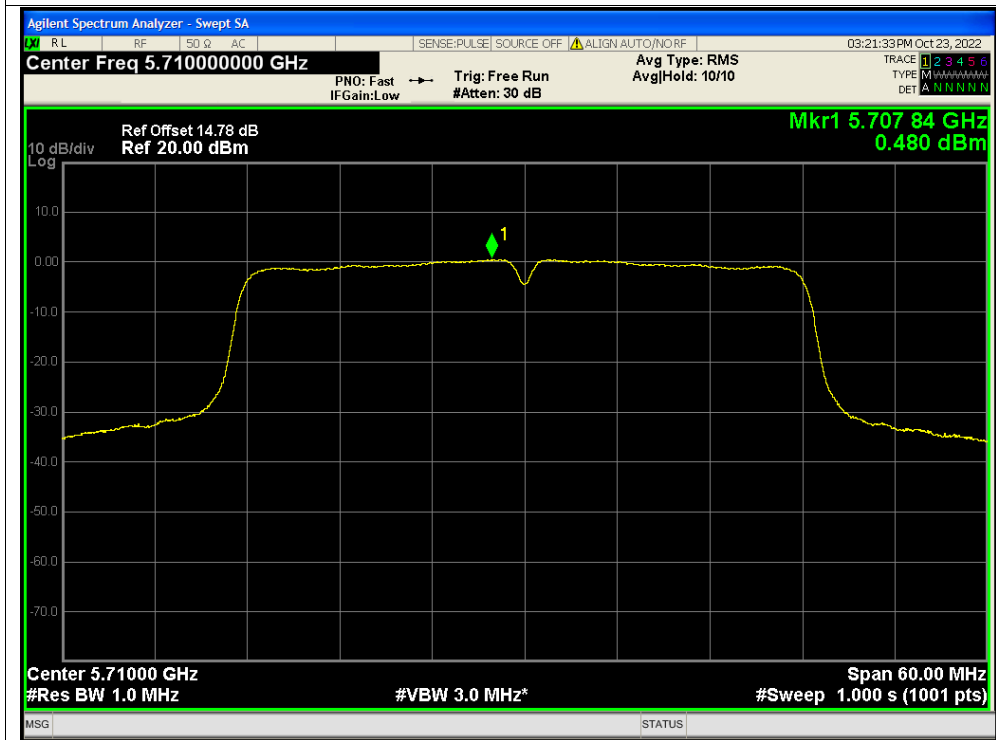


PSD NVNT n40 5630MHz Ant2

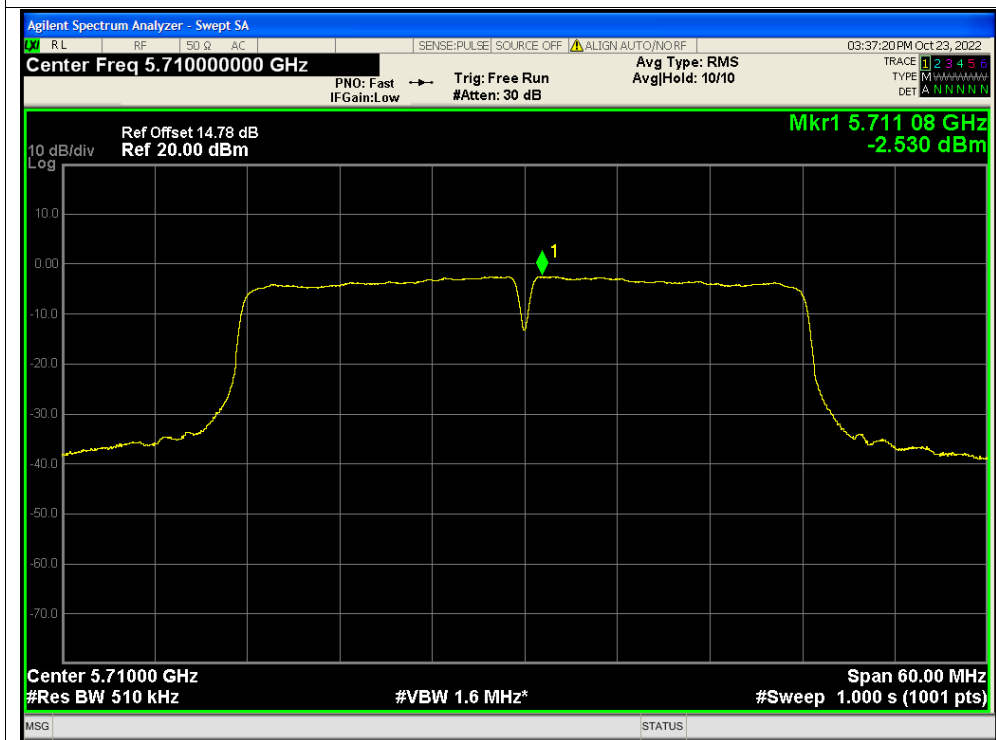




PSD NVNT n40 5710MHz Ant2



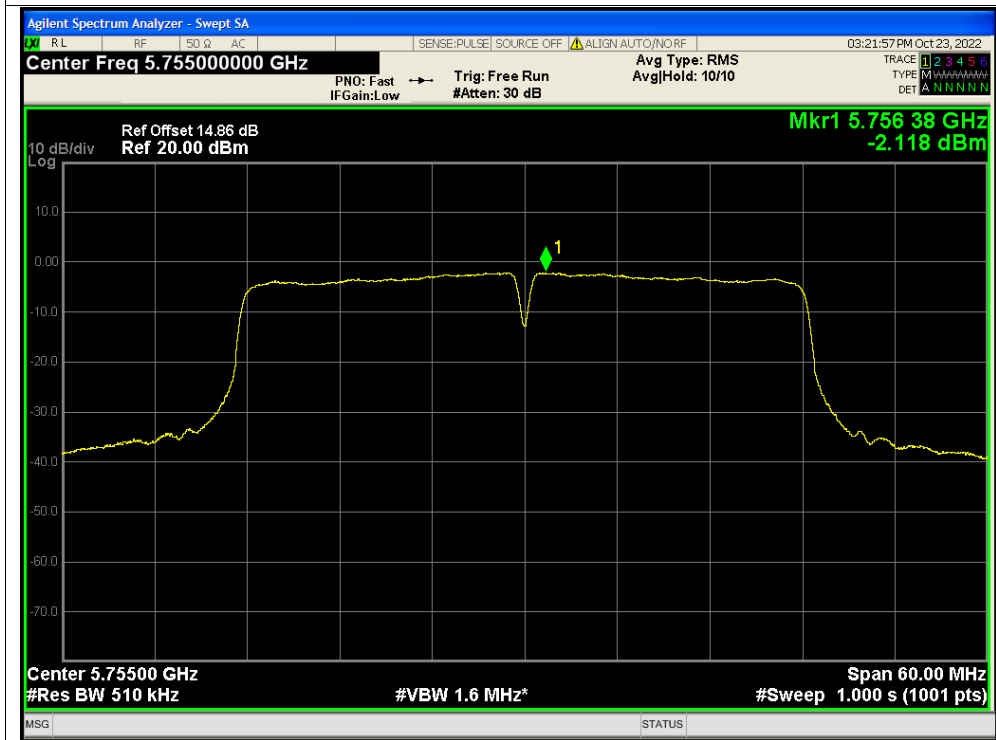
PSD NVNT n40 5710MHz Ant2



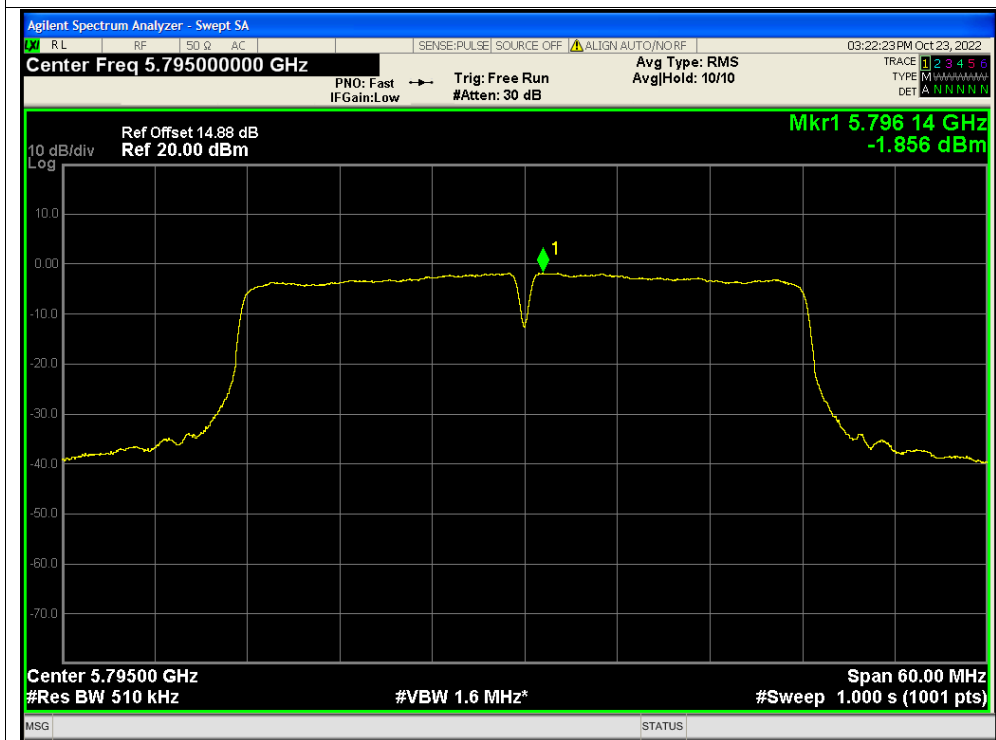




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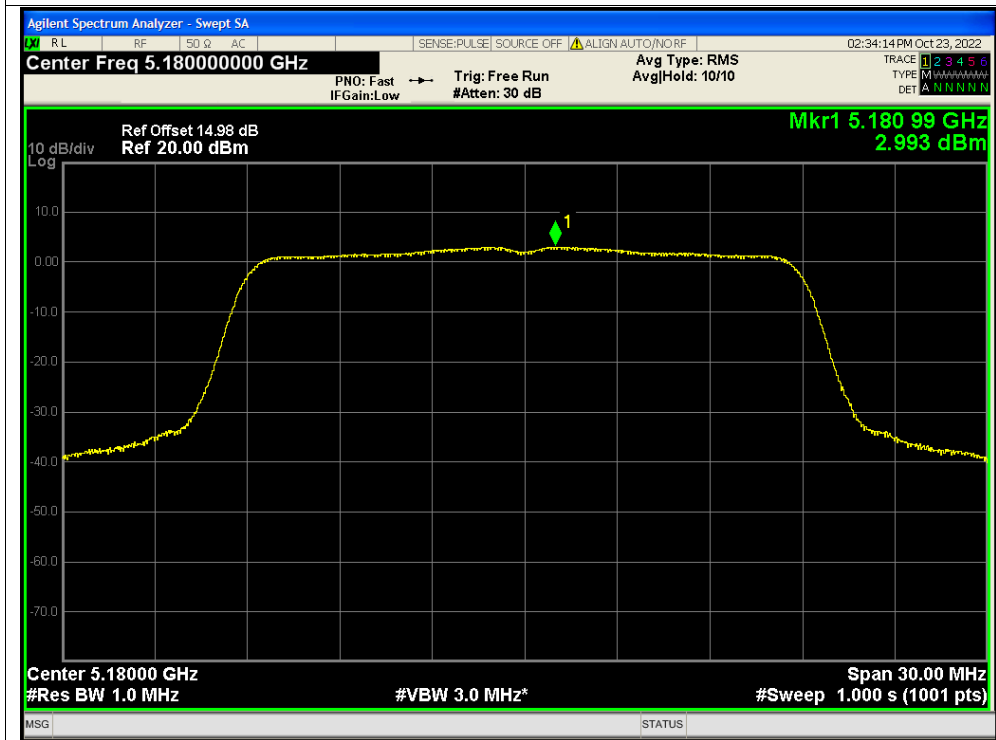


PSD NVNT n40 5795MHz Ant2

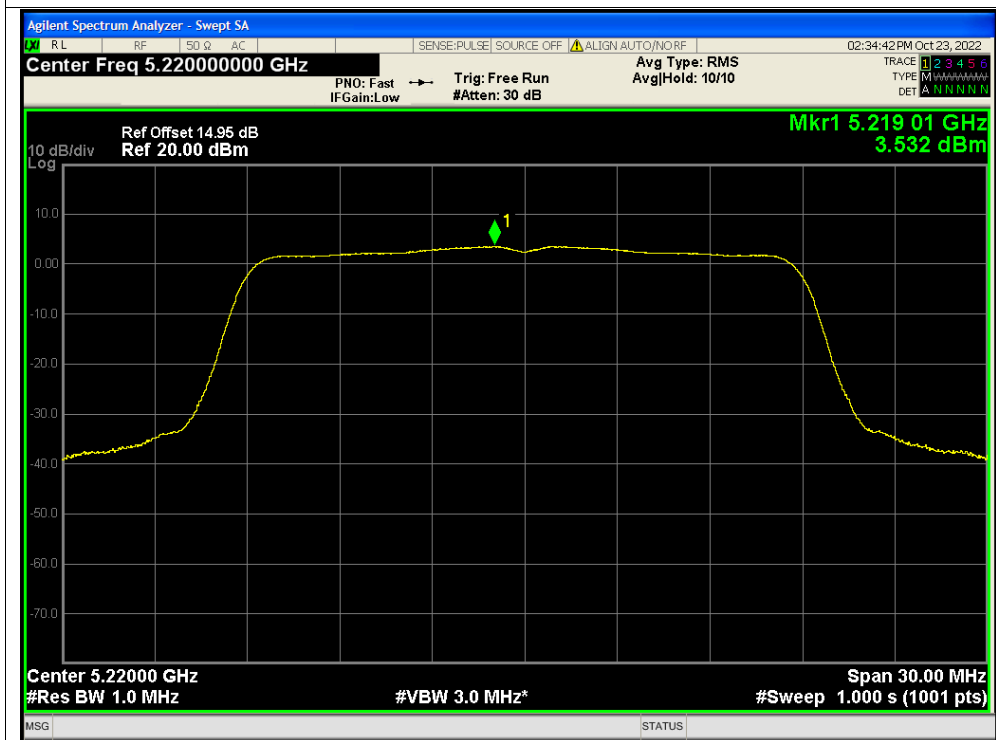




PSD NVNT ac20 5180MHz Ant1

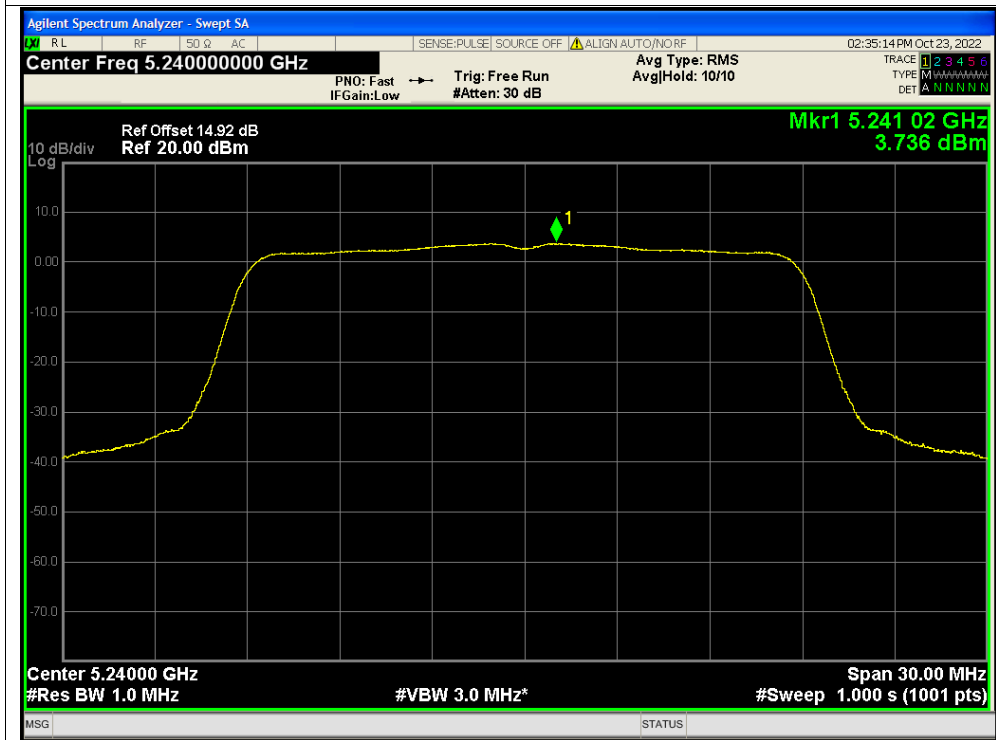


PSD NVNT ac20 5220MHz Ant1

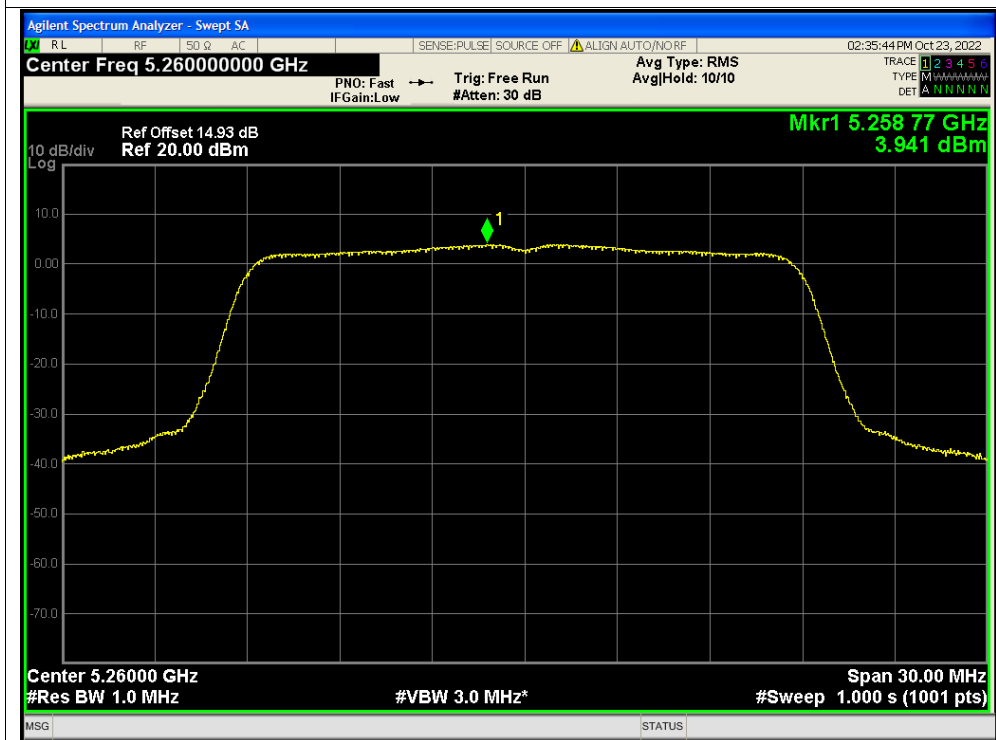




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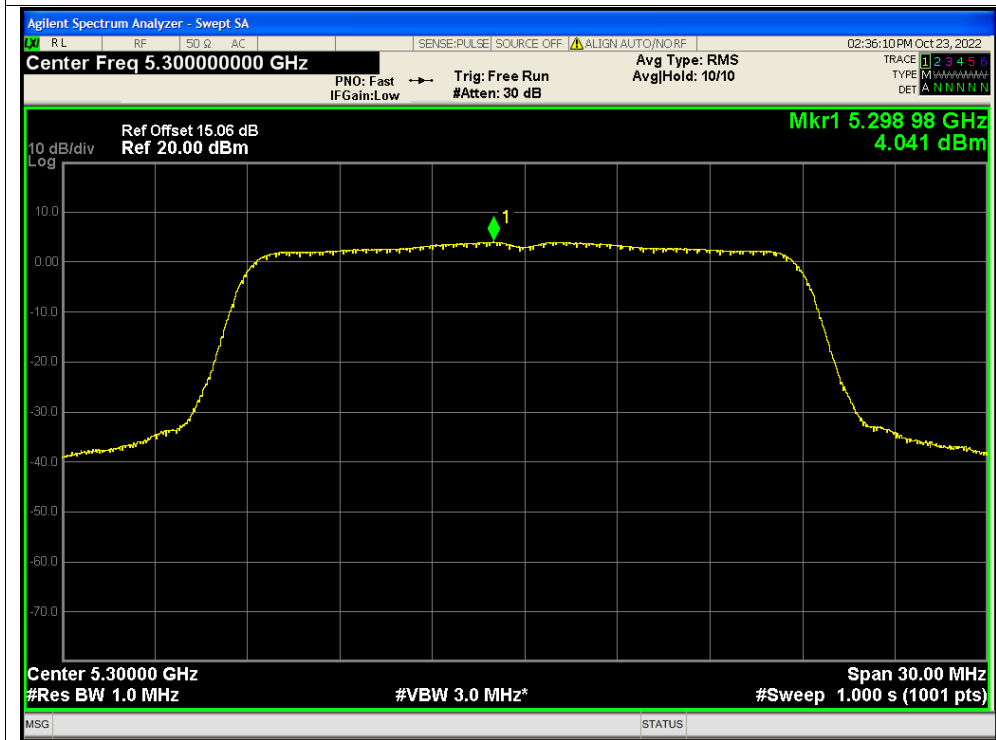


PSD NVNT ac20 5260MHz Ant1

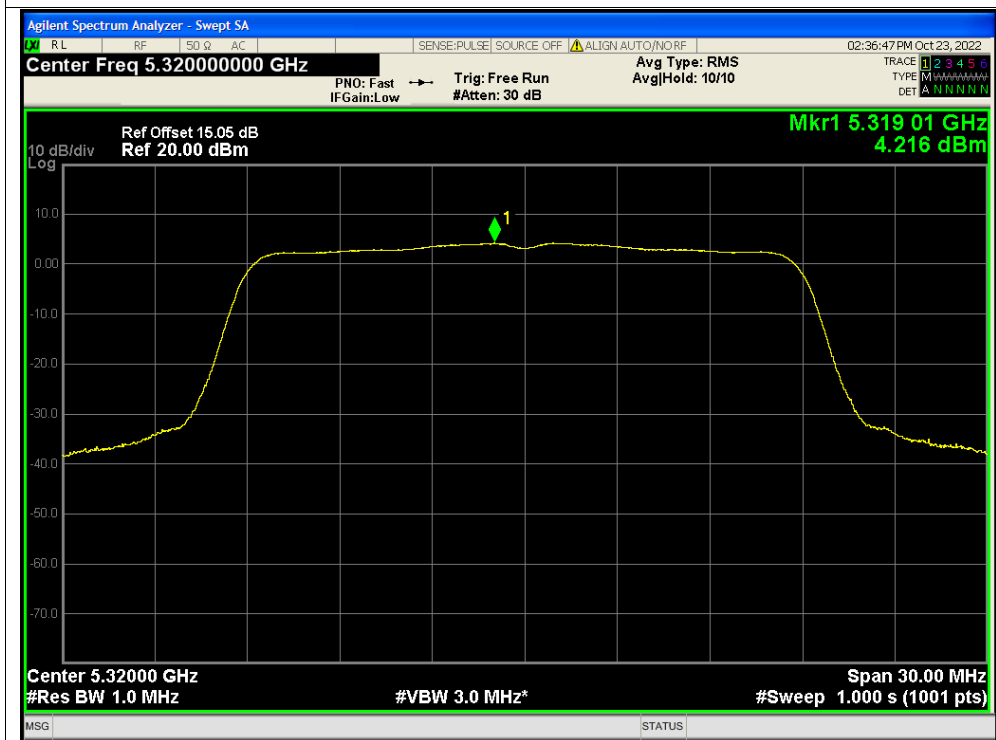




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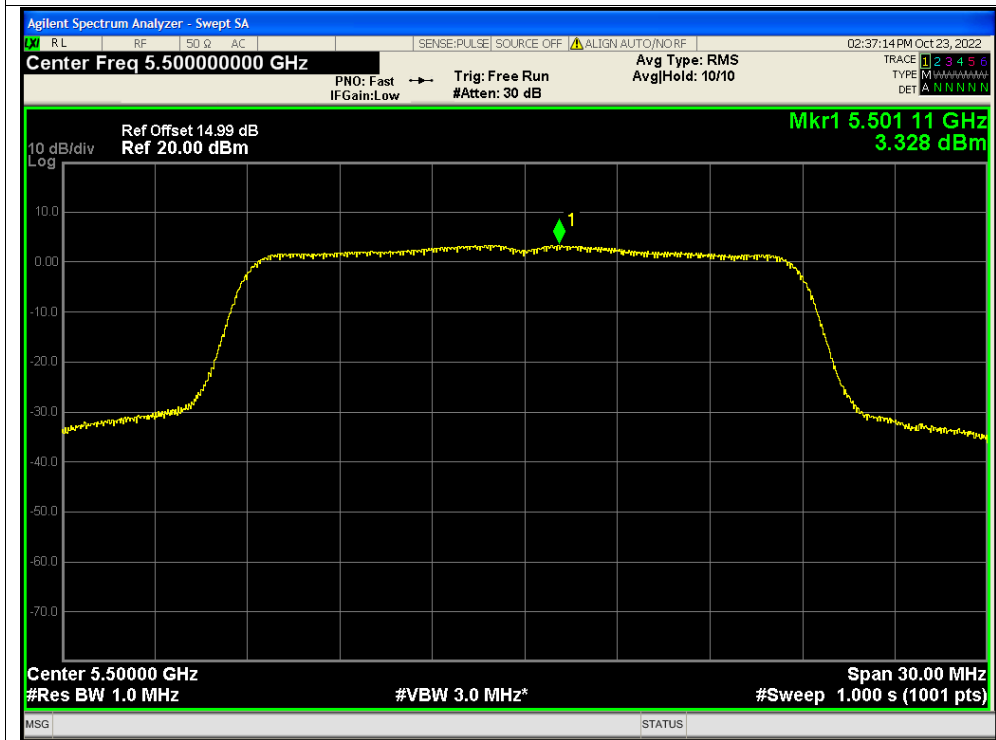


PSD NVNT ac20 5320MHz Ant1

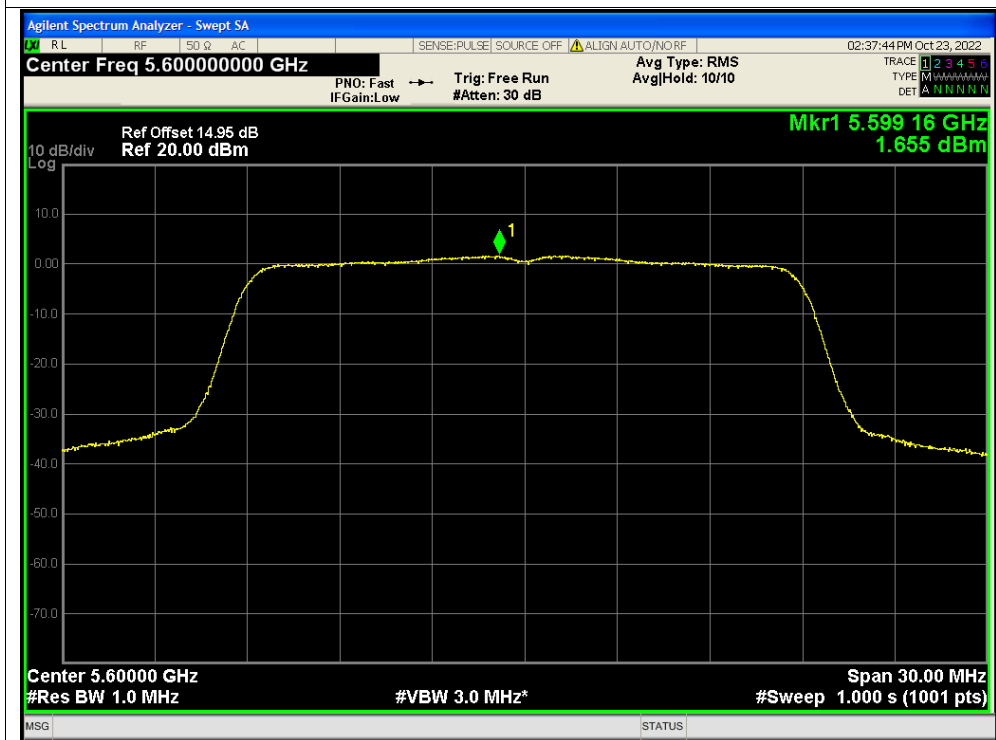




PSD NVNT ac20 5500MHz Ant1

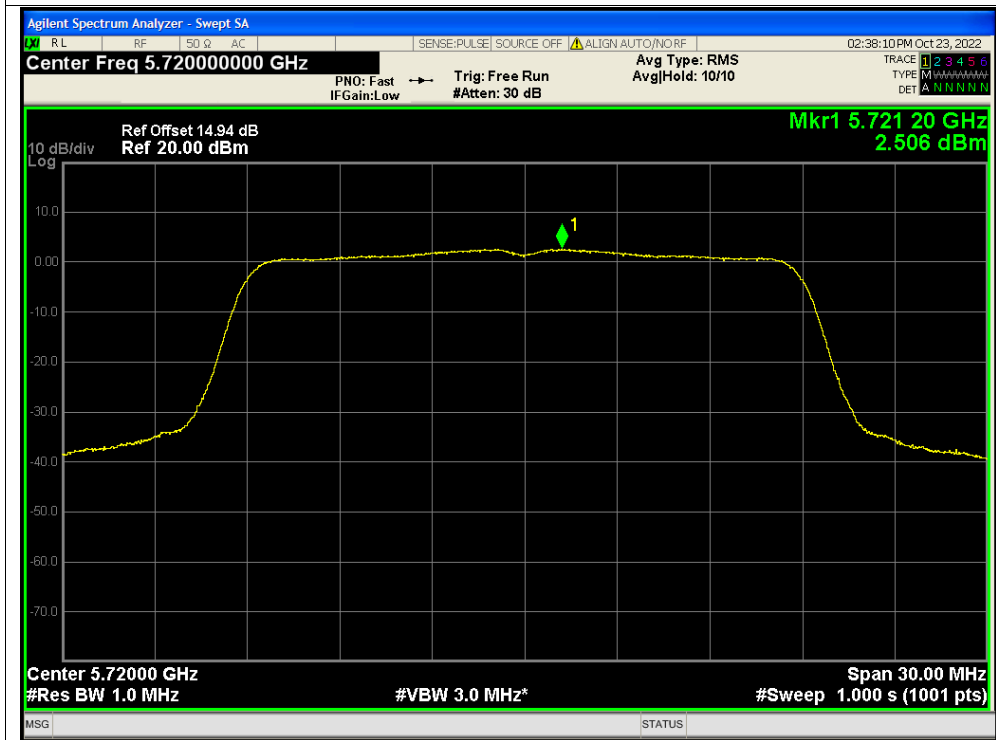


PSD NVNT ac20 5600MHz Ant1

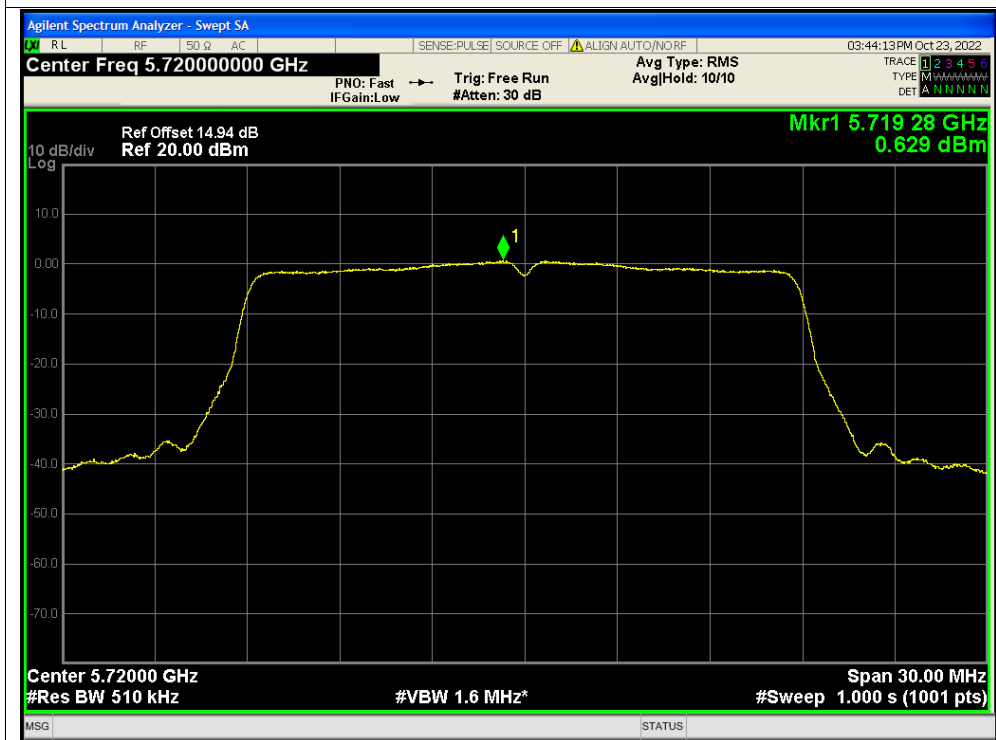




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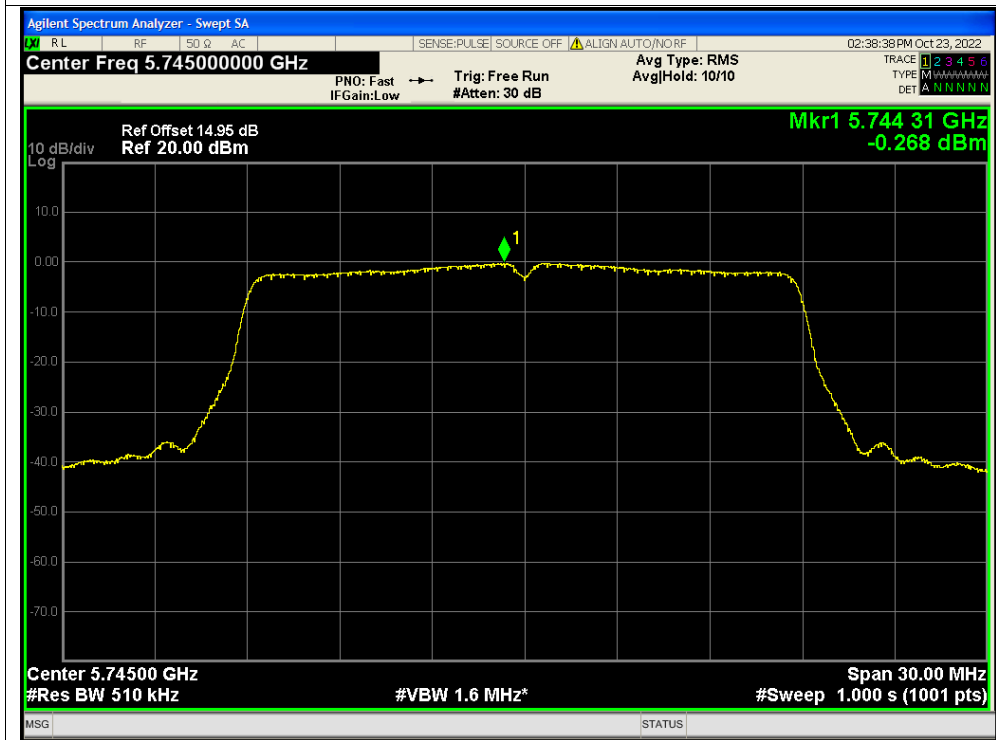


PSD NVNT ac20 5720MHz Ant1

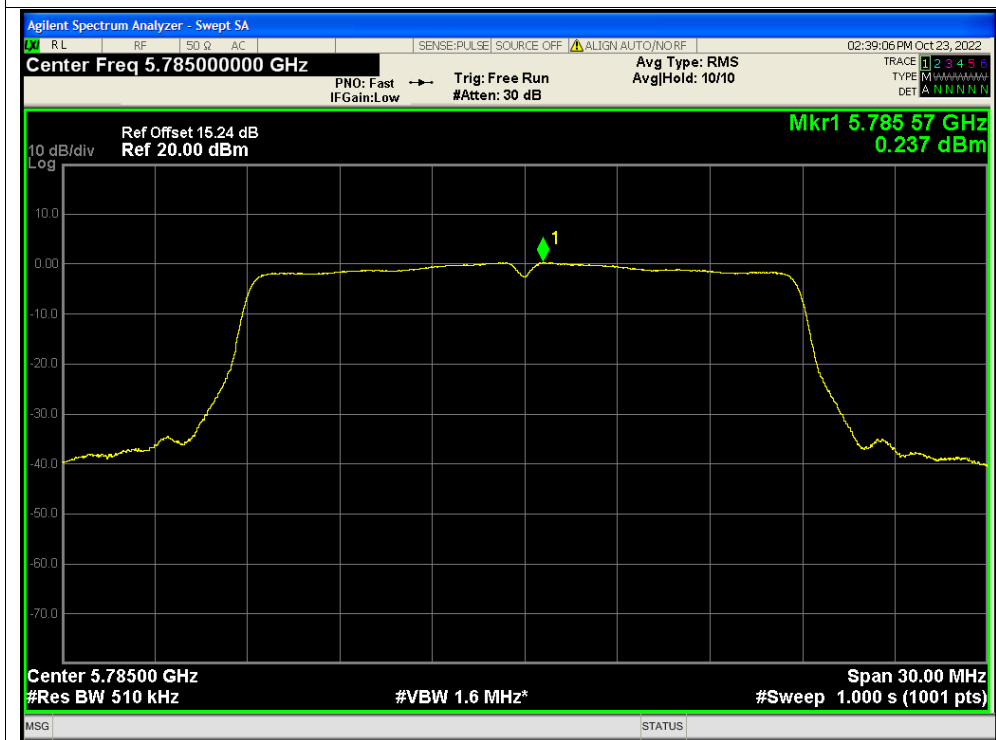


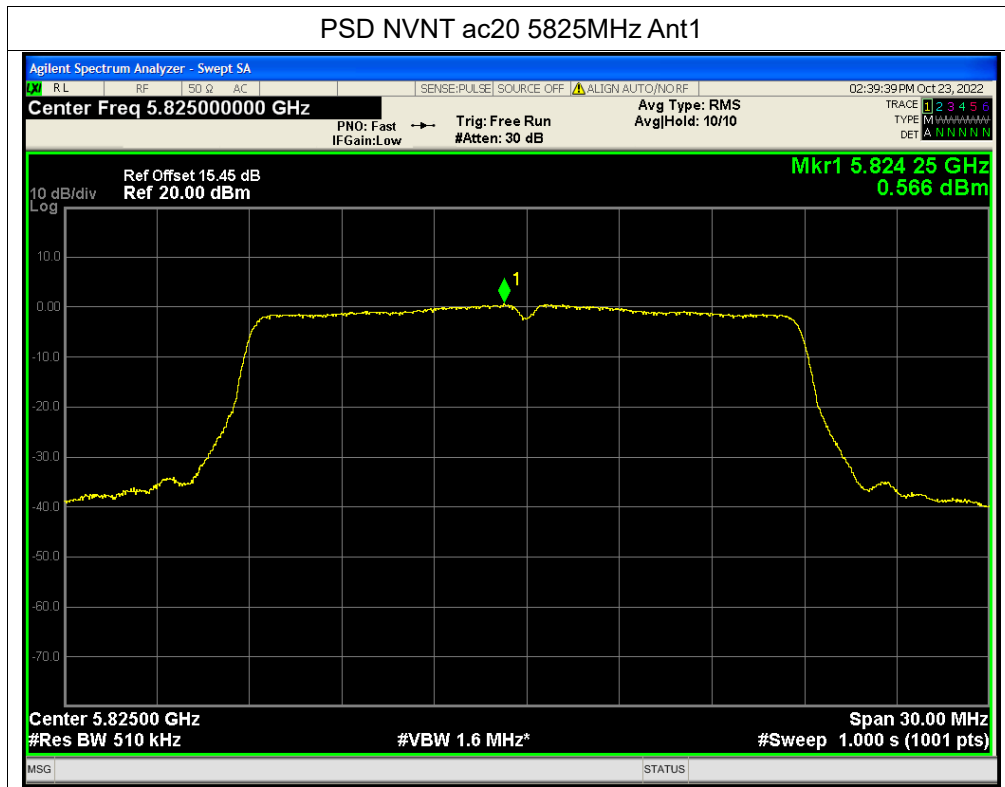


PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1

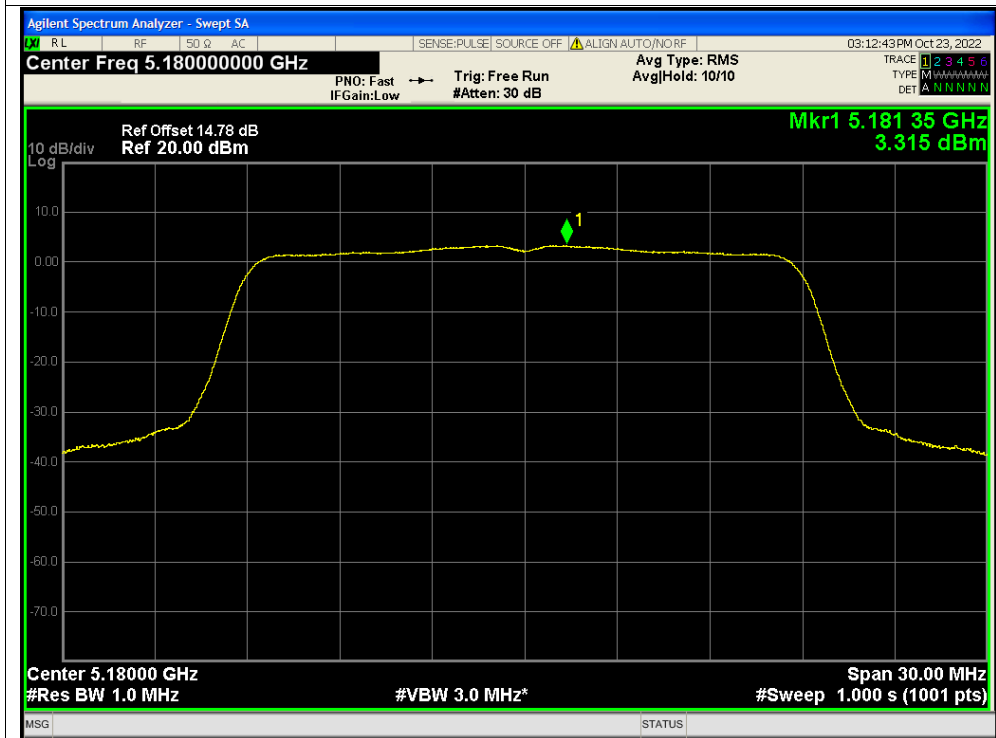




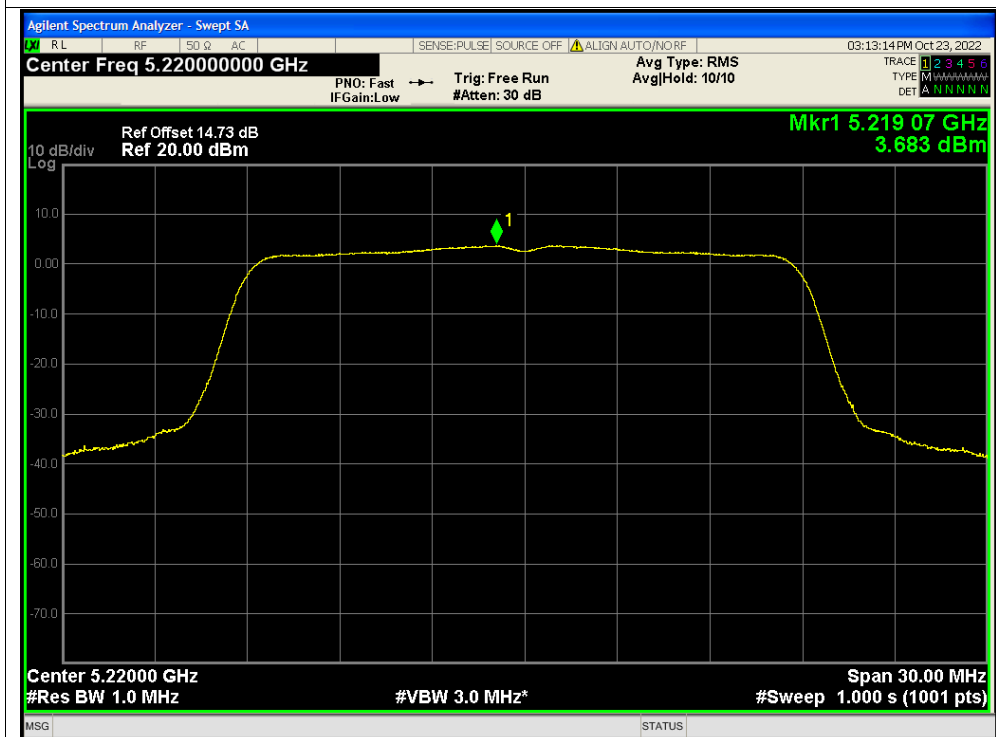




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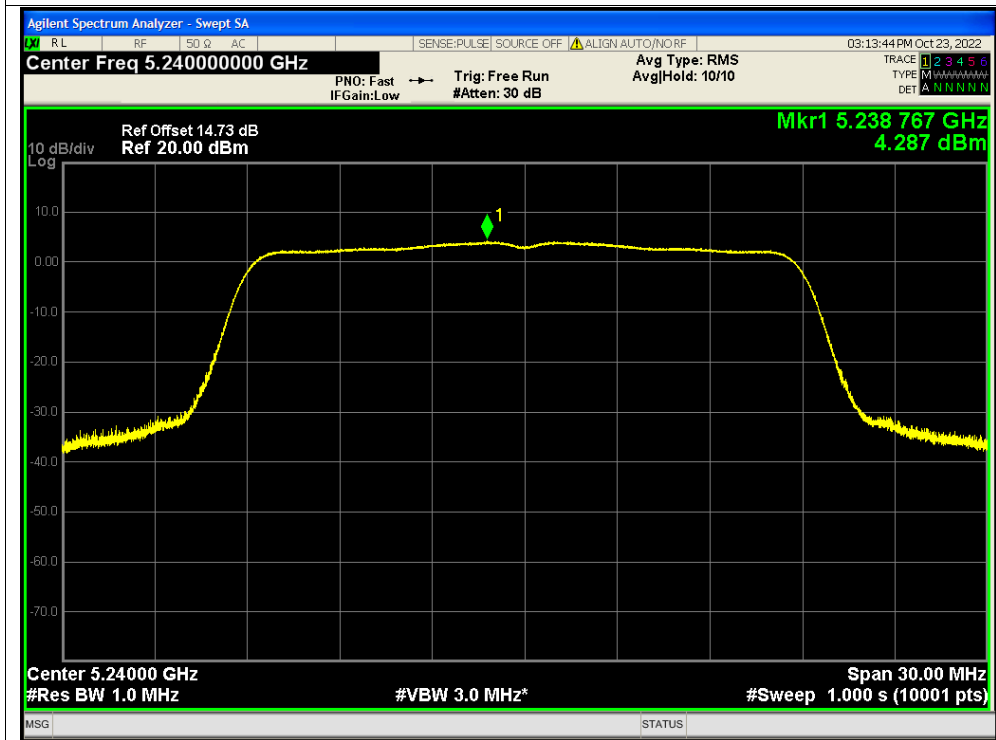


PSD NVNT ac20 5220MHz Ant2

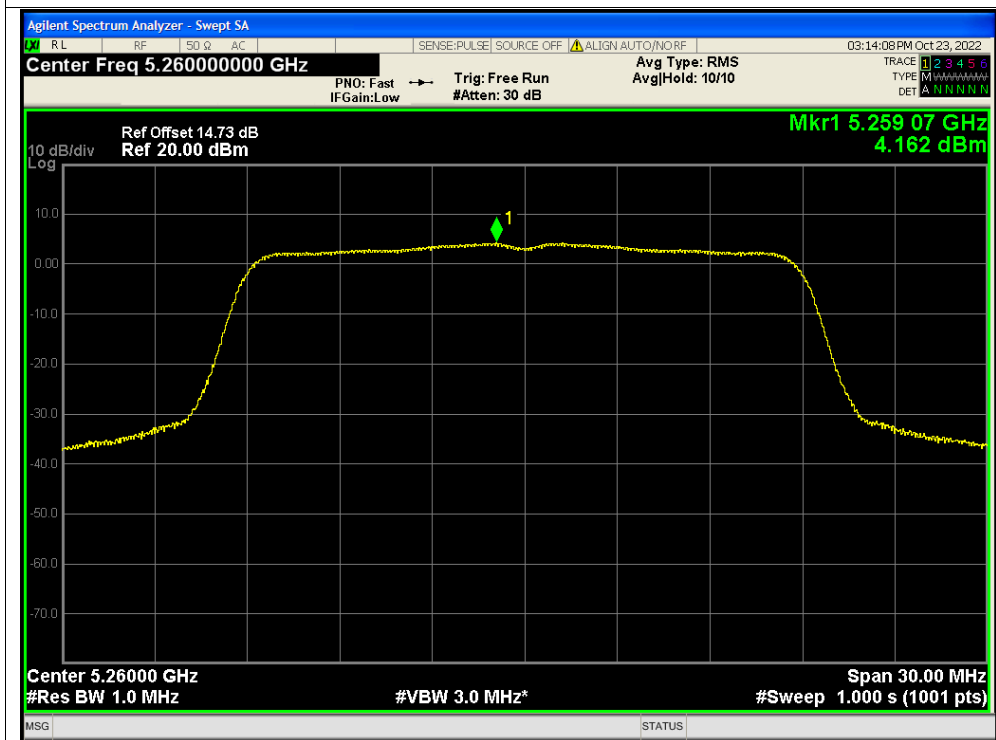




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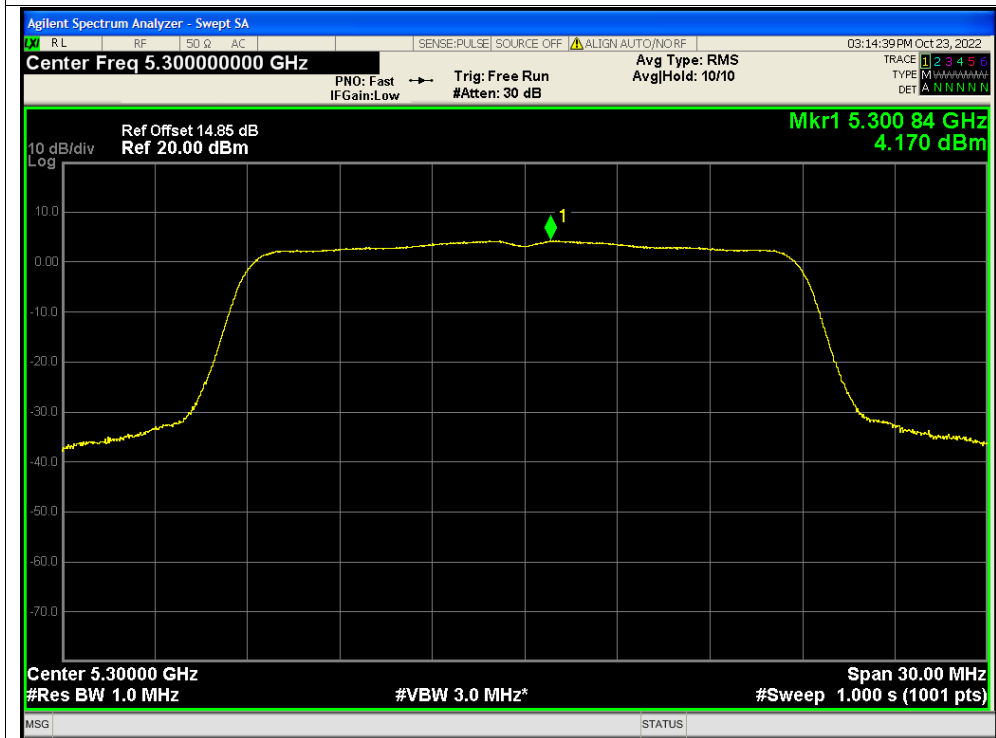


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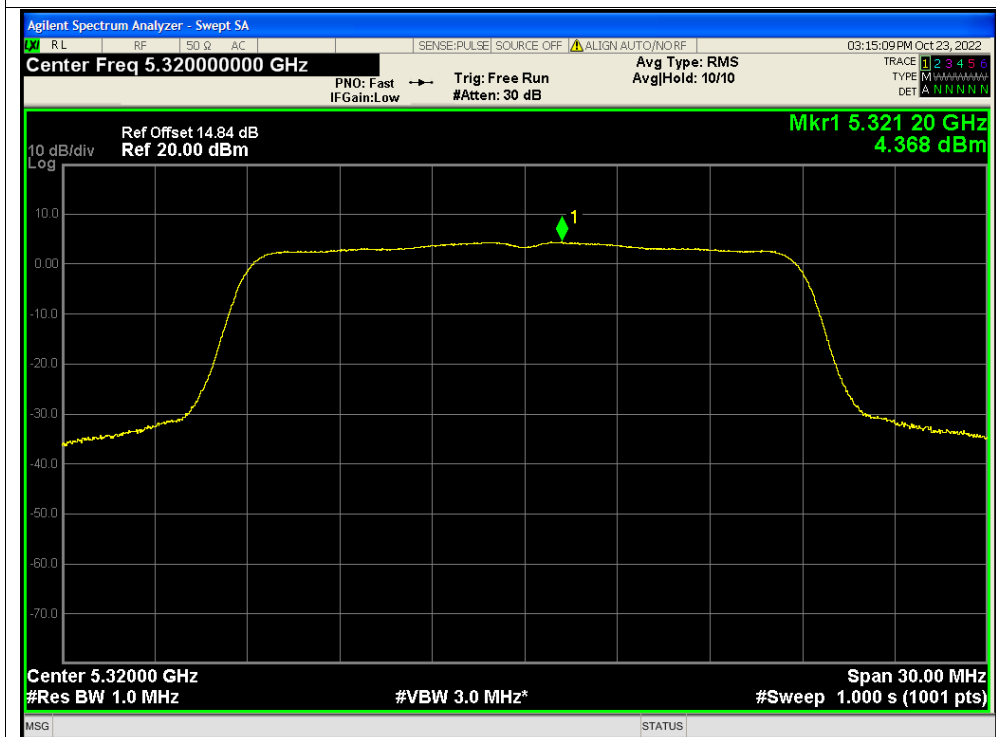




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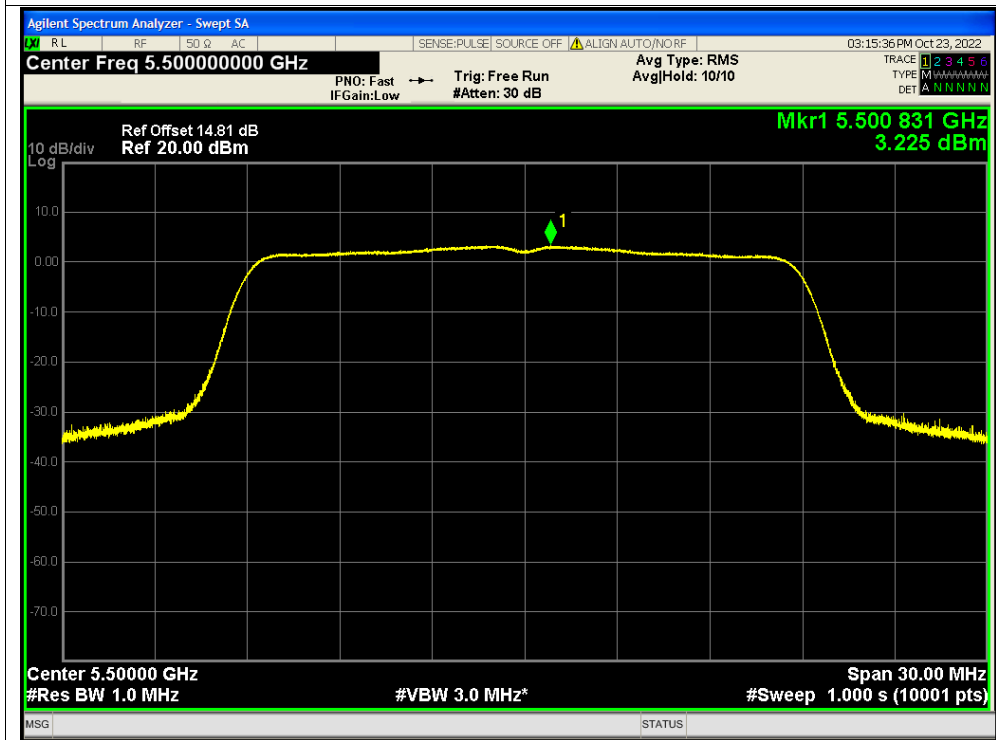


PSD NVNT ac20 5320MHz Ant2

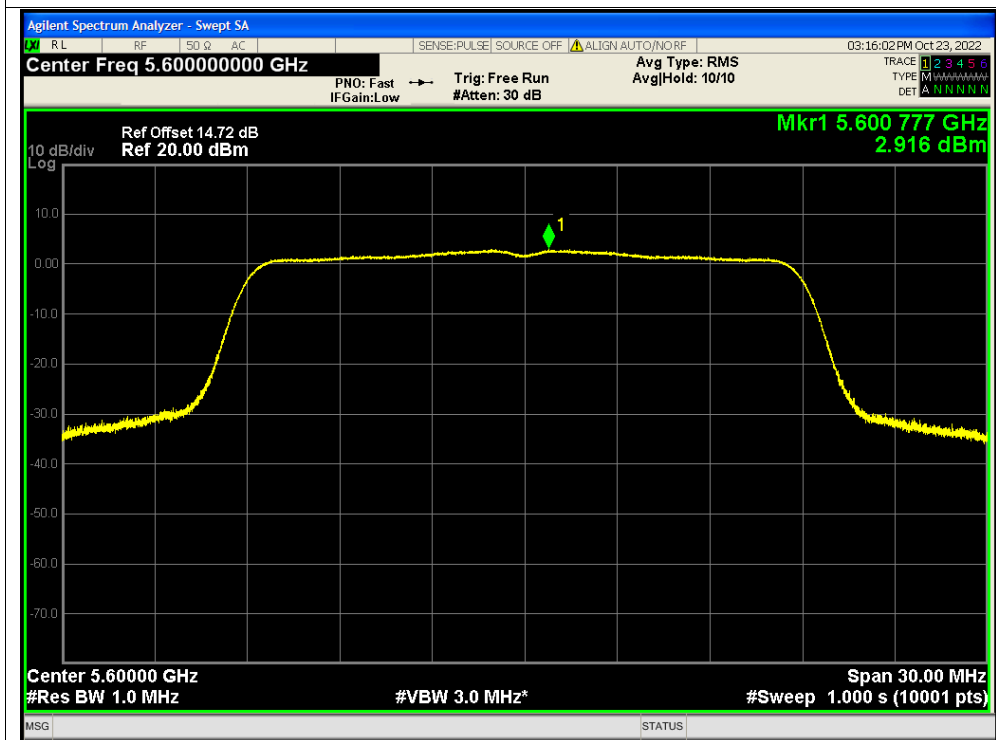




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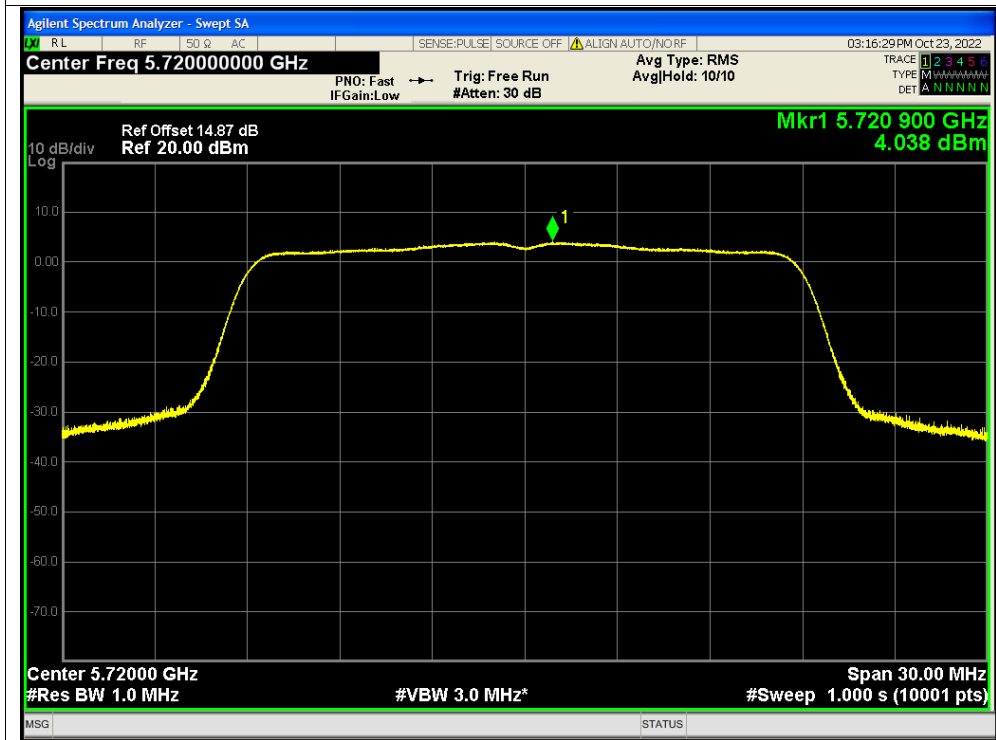


PSD NVNT ac20 5600MHz Ant2

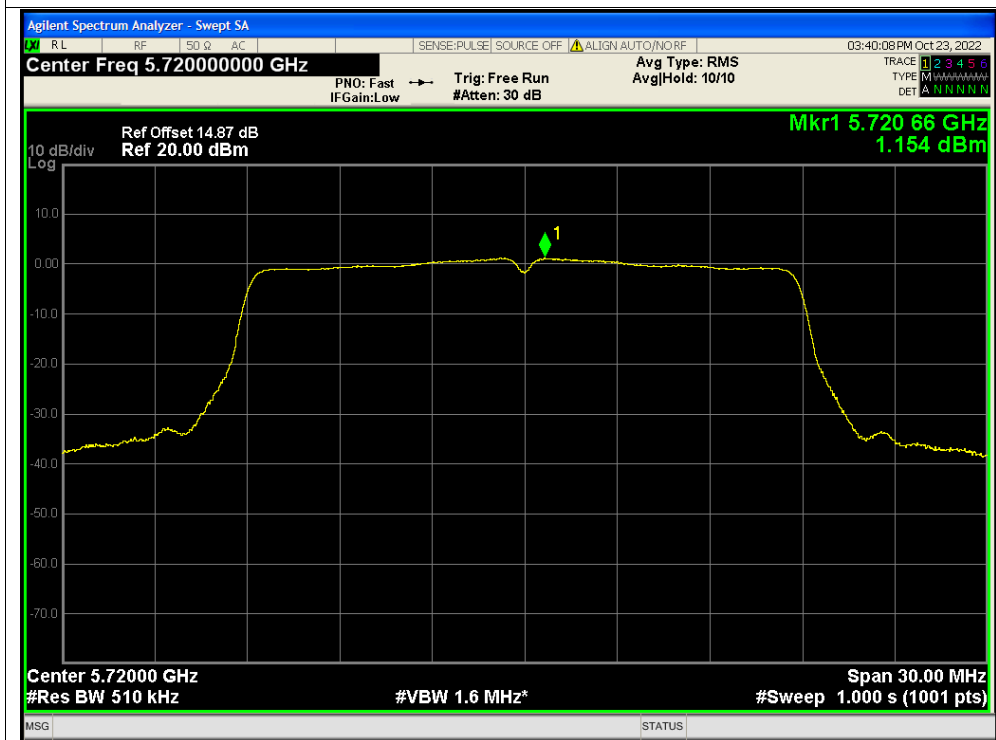




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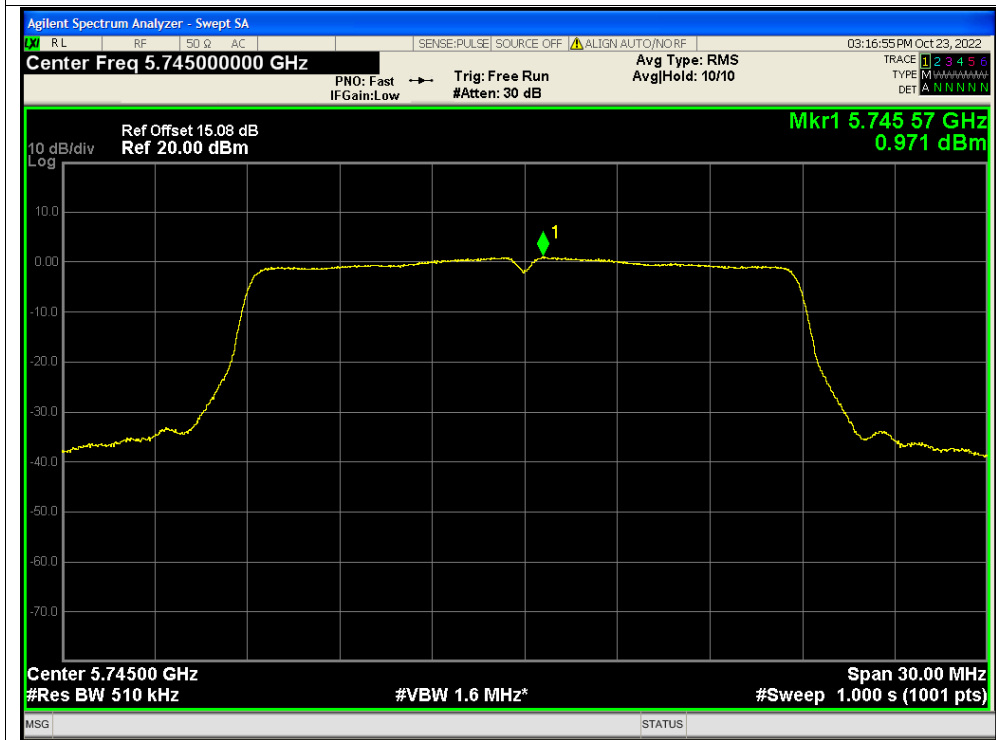


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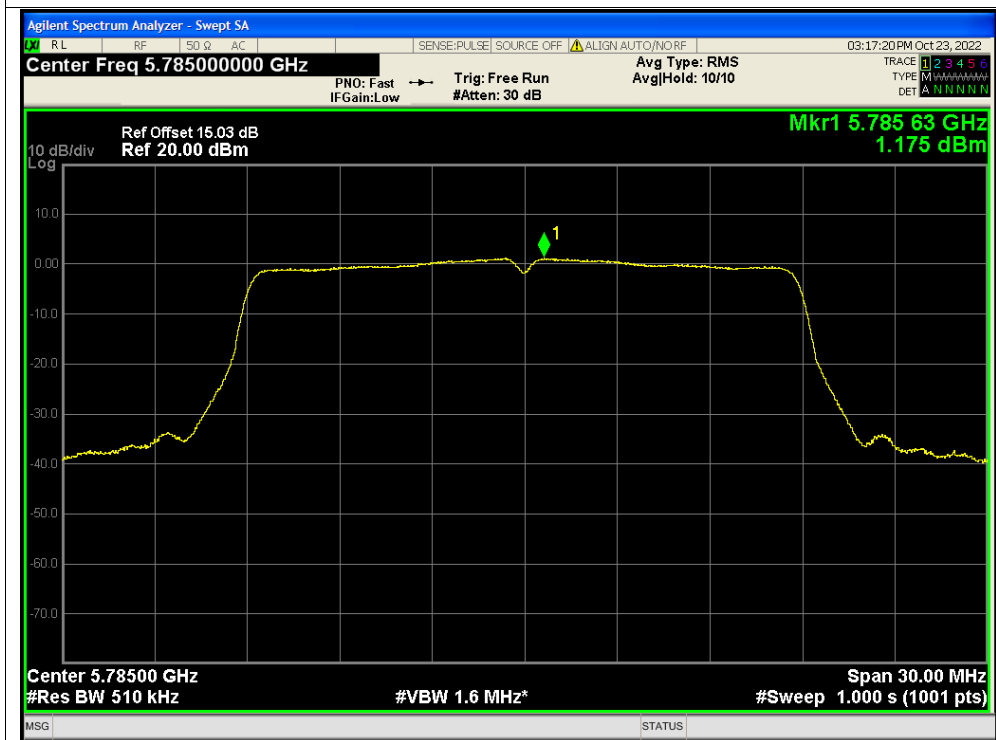


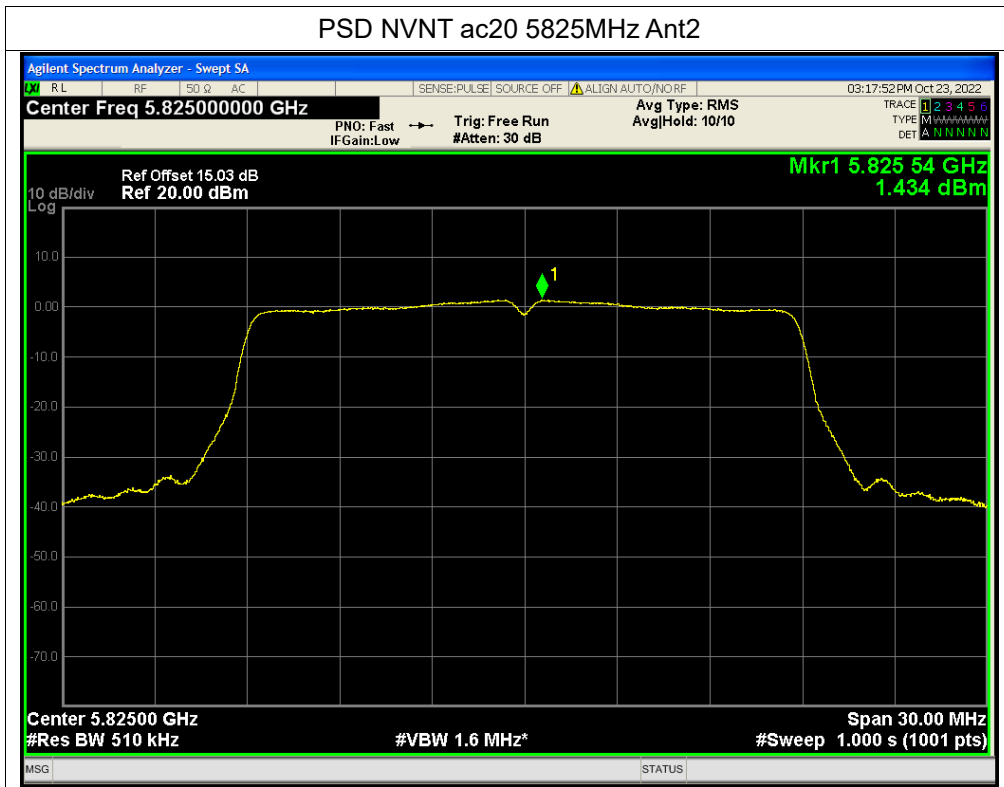


PSD NVNT ac20 5745MHz Ant2



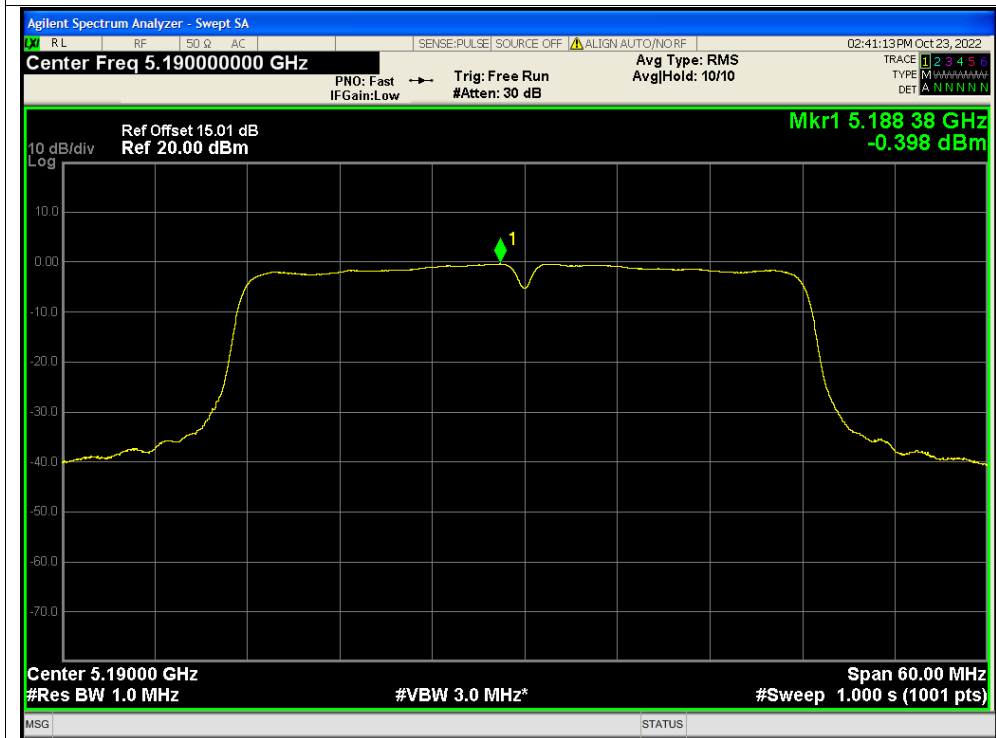
PSD NVNT ac20 5785MHz Ant2



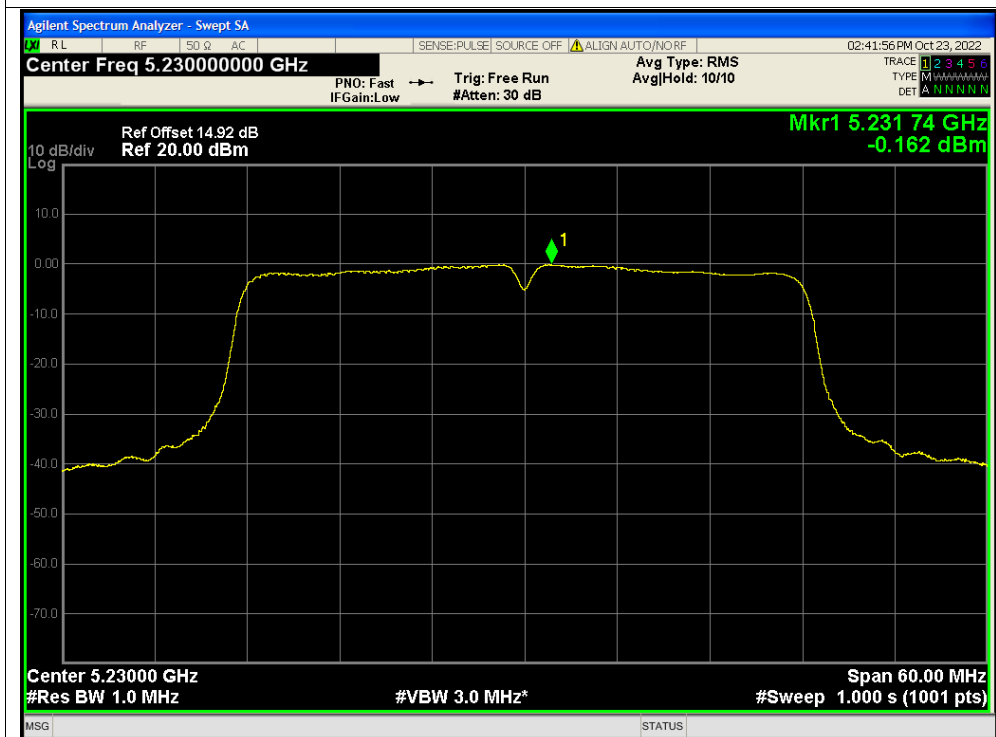




PSD NVNT ac40 5190MHz Ant1



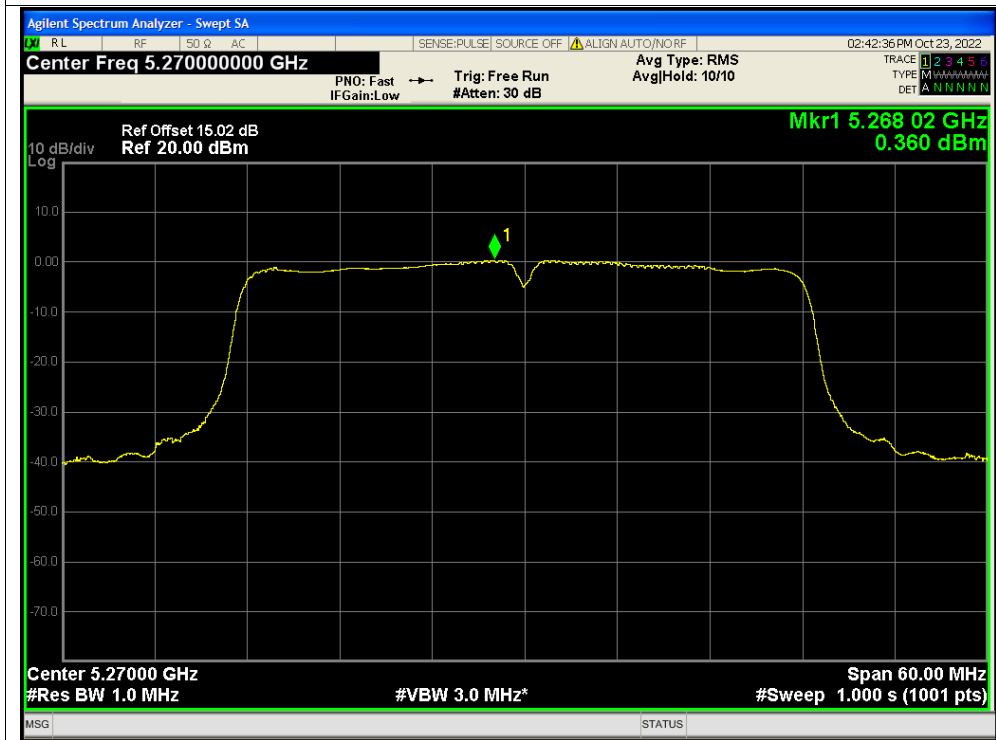
PSD NVNT ac40 5230MHz Ant1



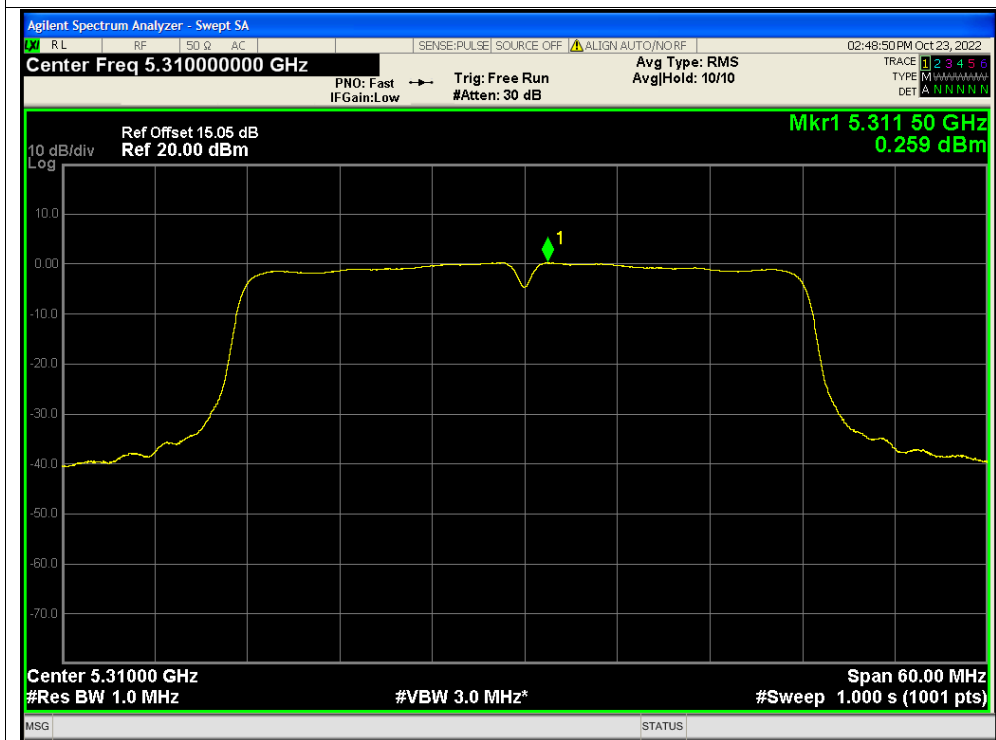




PSD NVNT ac40 5270MHz Ant1

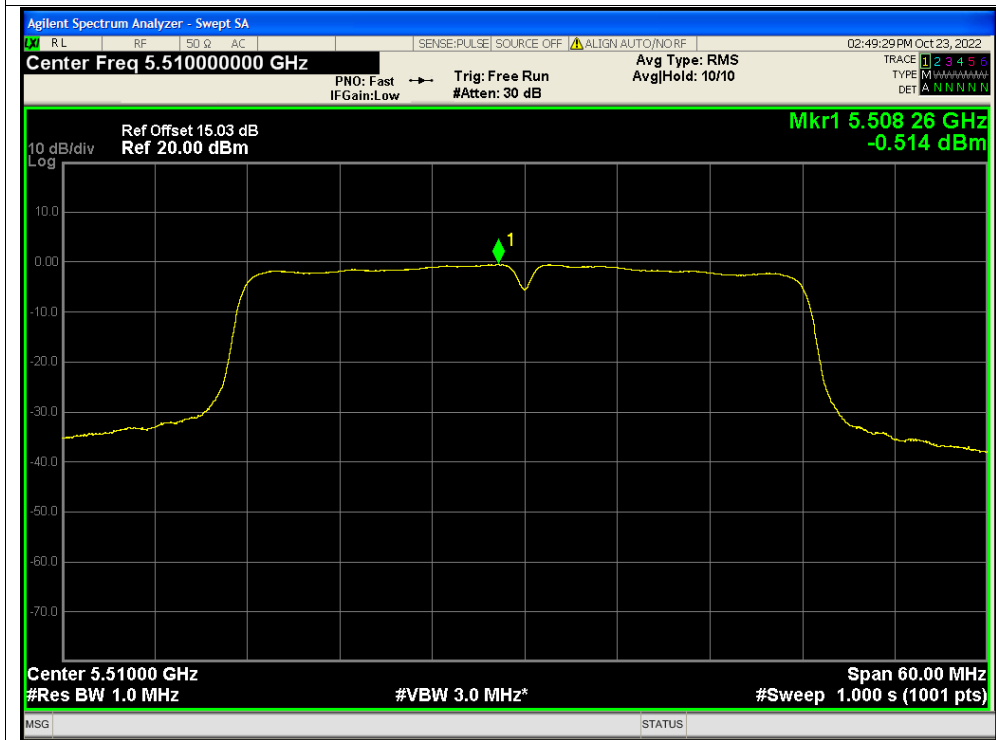


PSD NVNT ac40 5310MHz Ant1

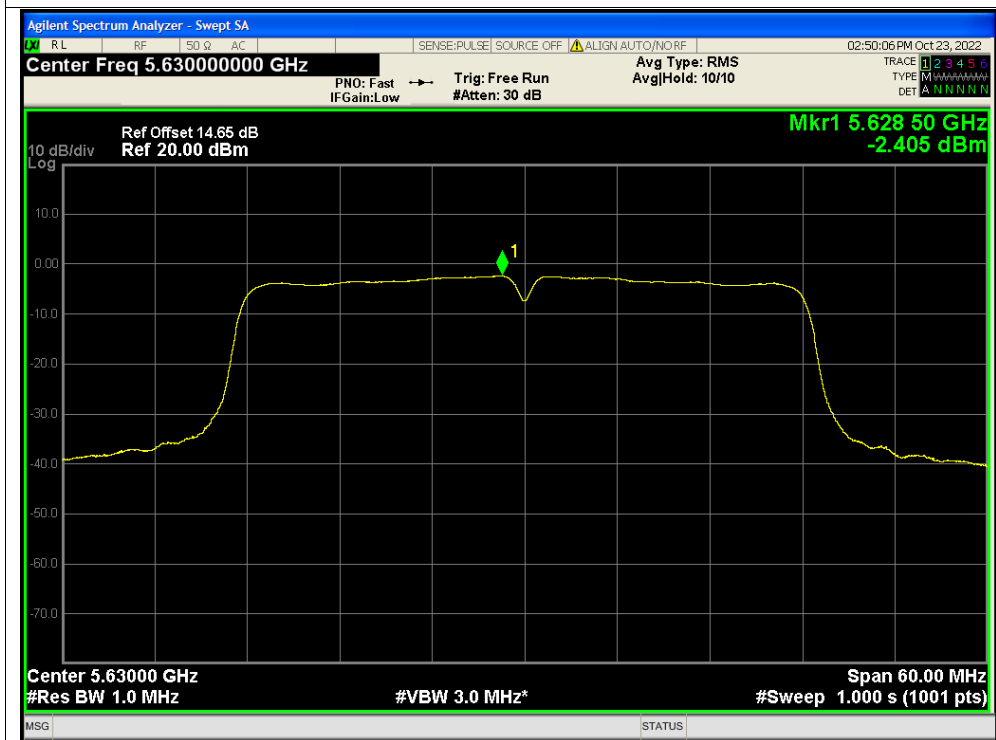




PSD NVNT ac40 5510MHz Ant1

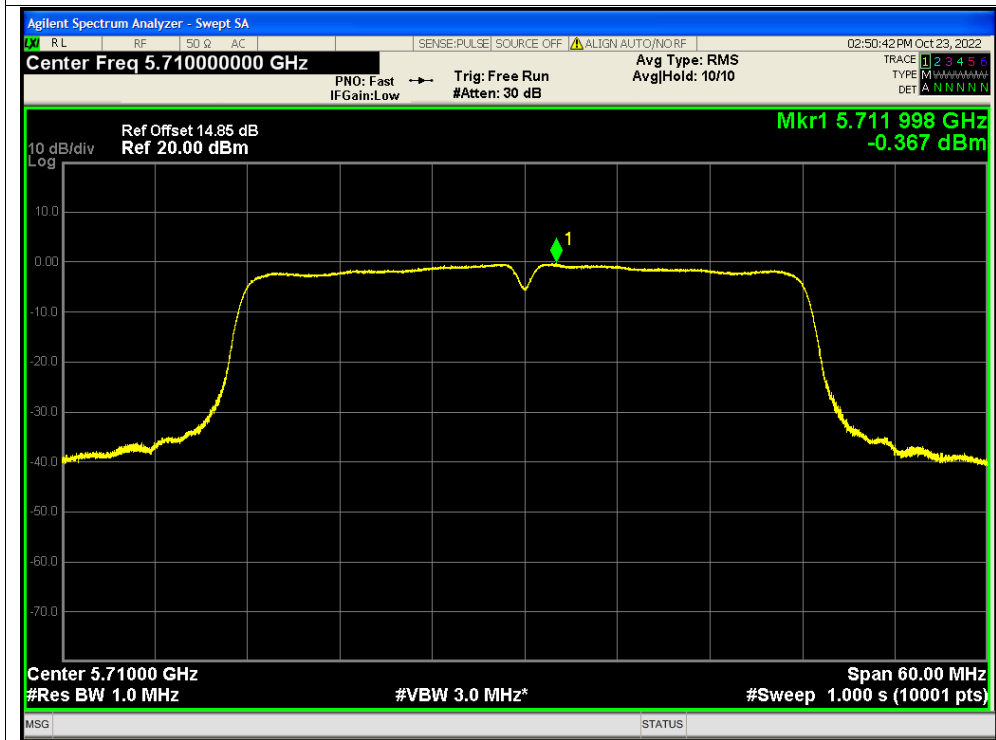


PSD NVNT ac40 5630MHz Ant1

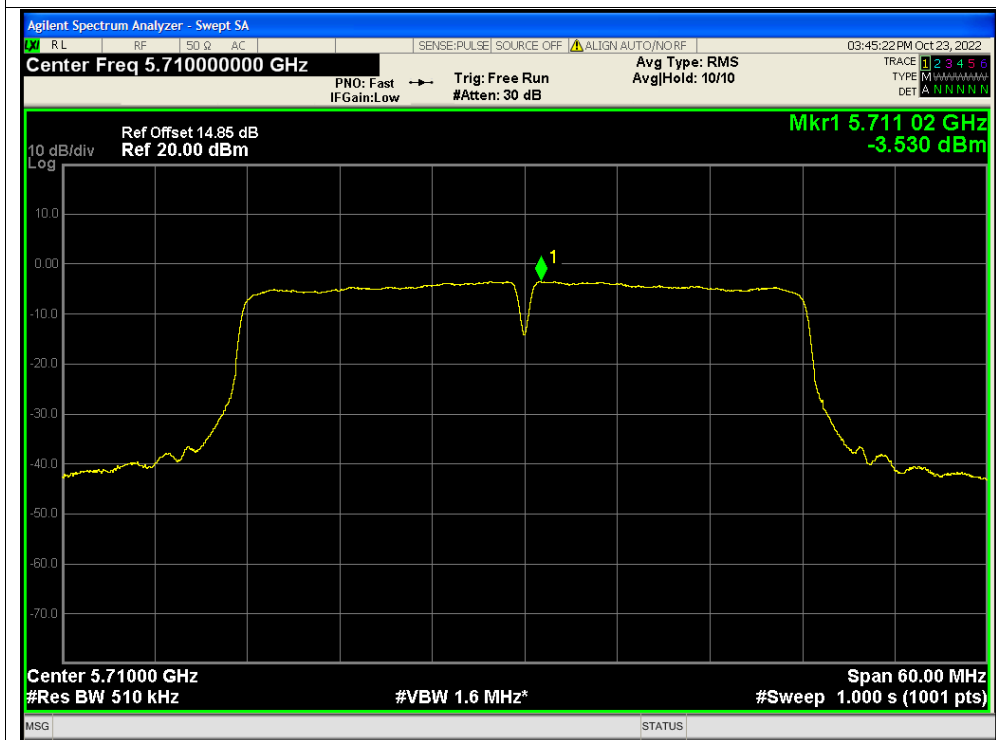




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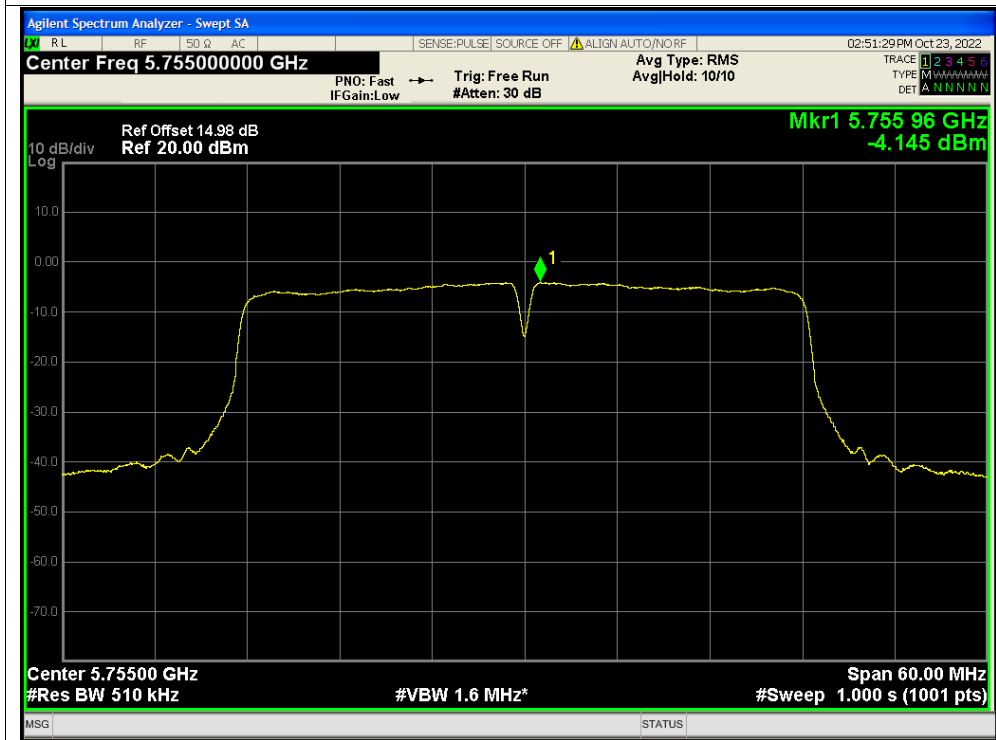


PSD NVNT ac40 5710MHz Ant1

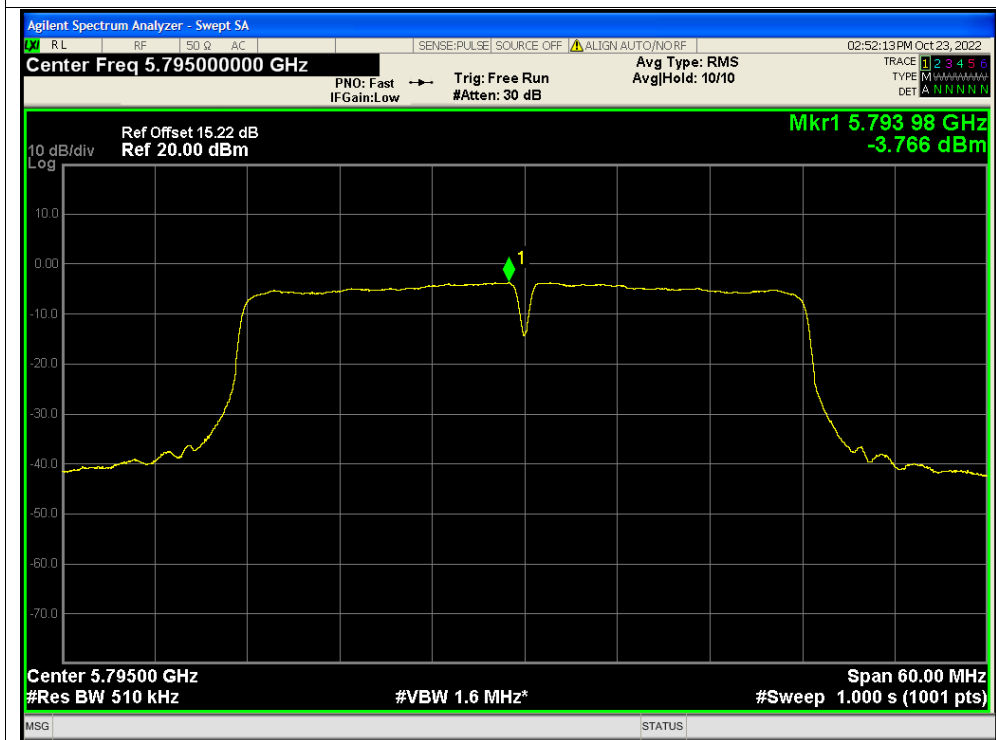




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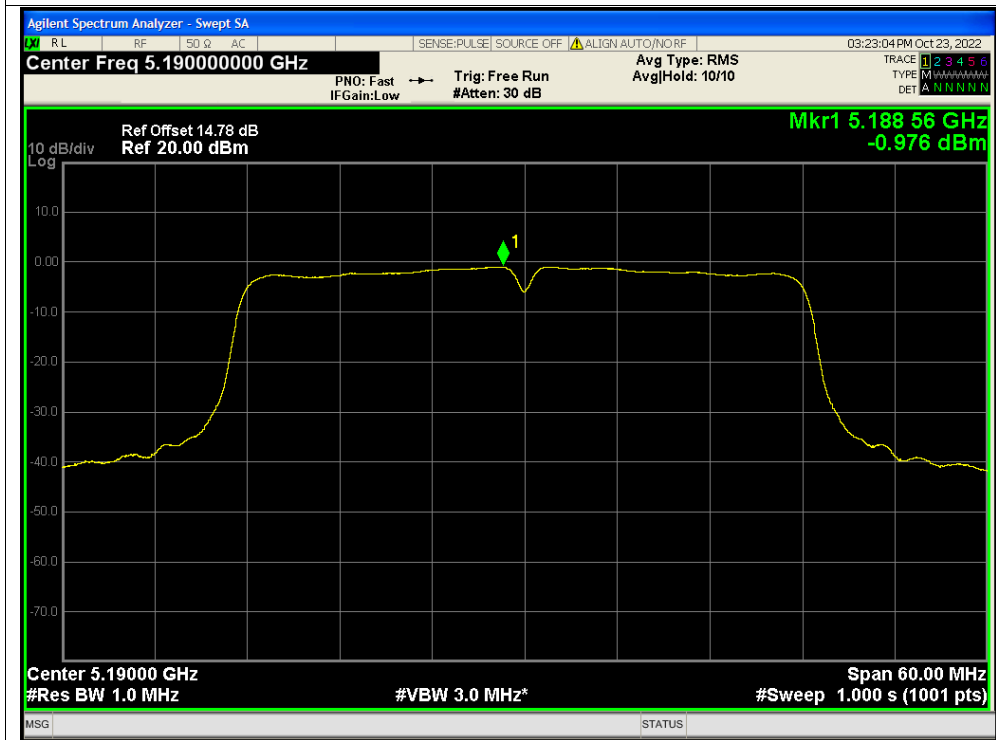


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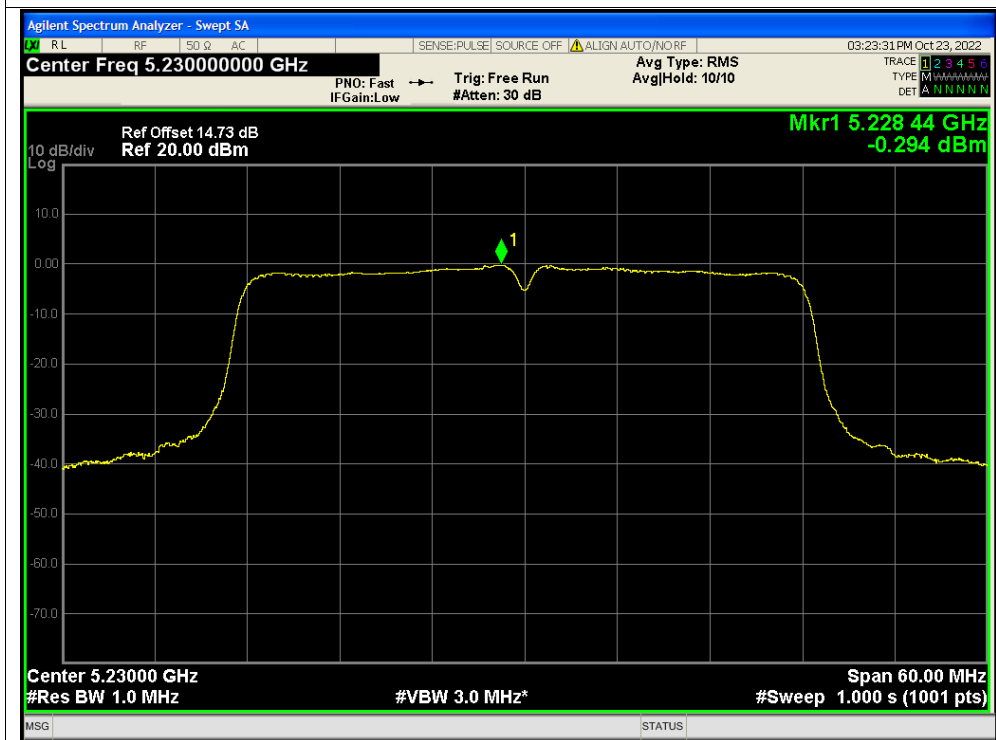




PSD NVNT ac40 5190MHz Ant2

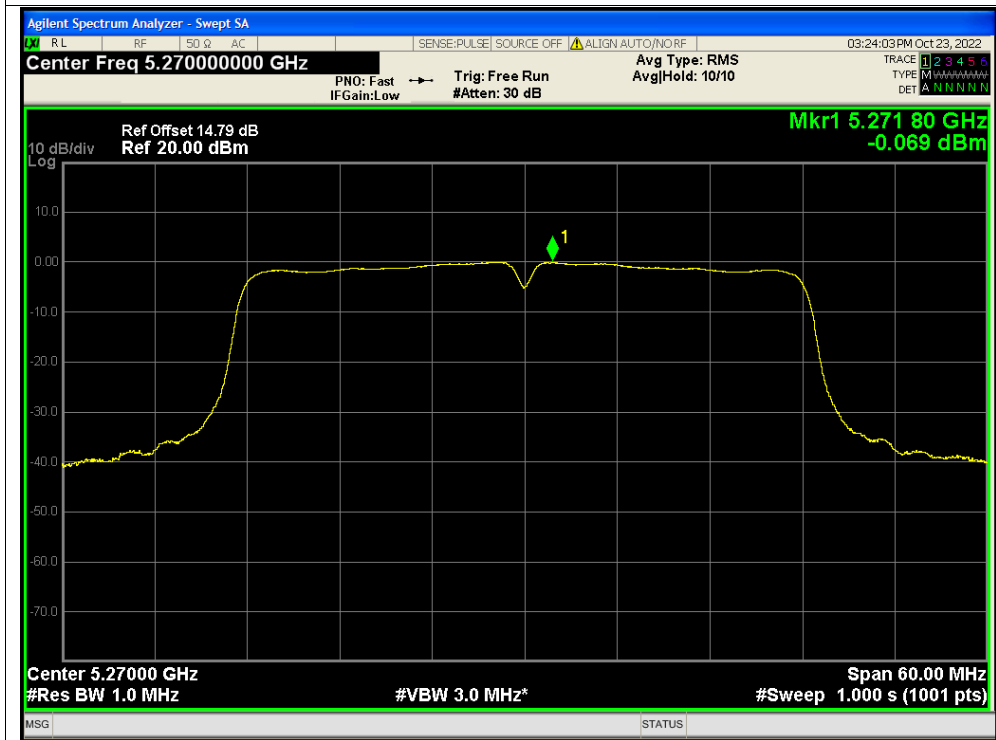


PSD NVNT ac40 5230MHz Ant2

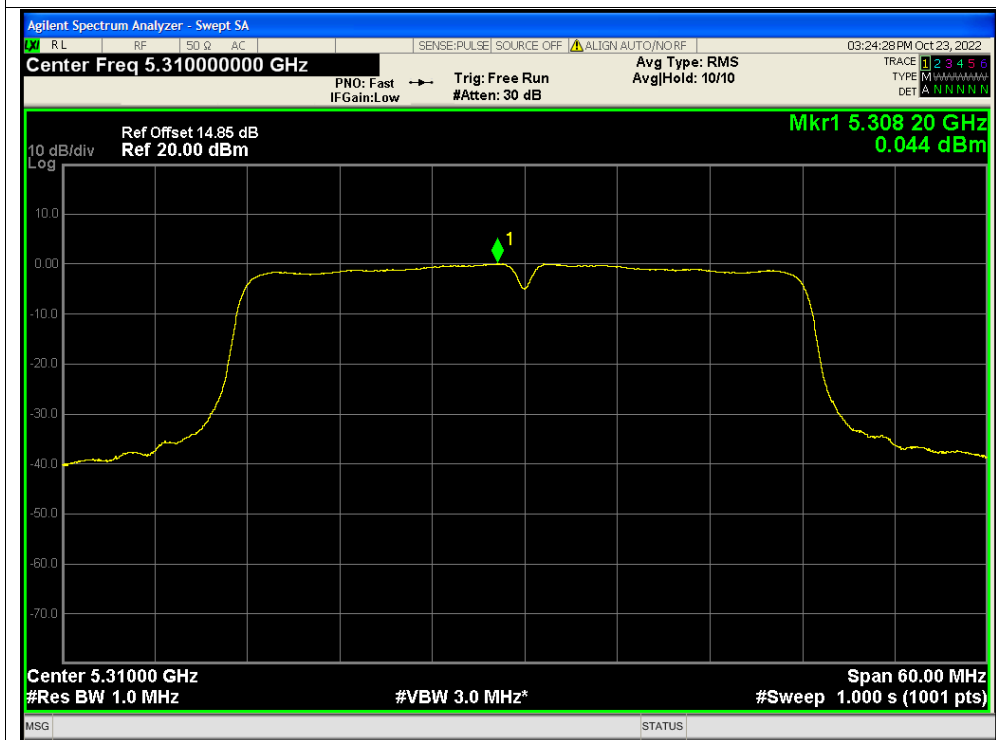




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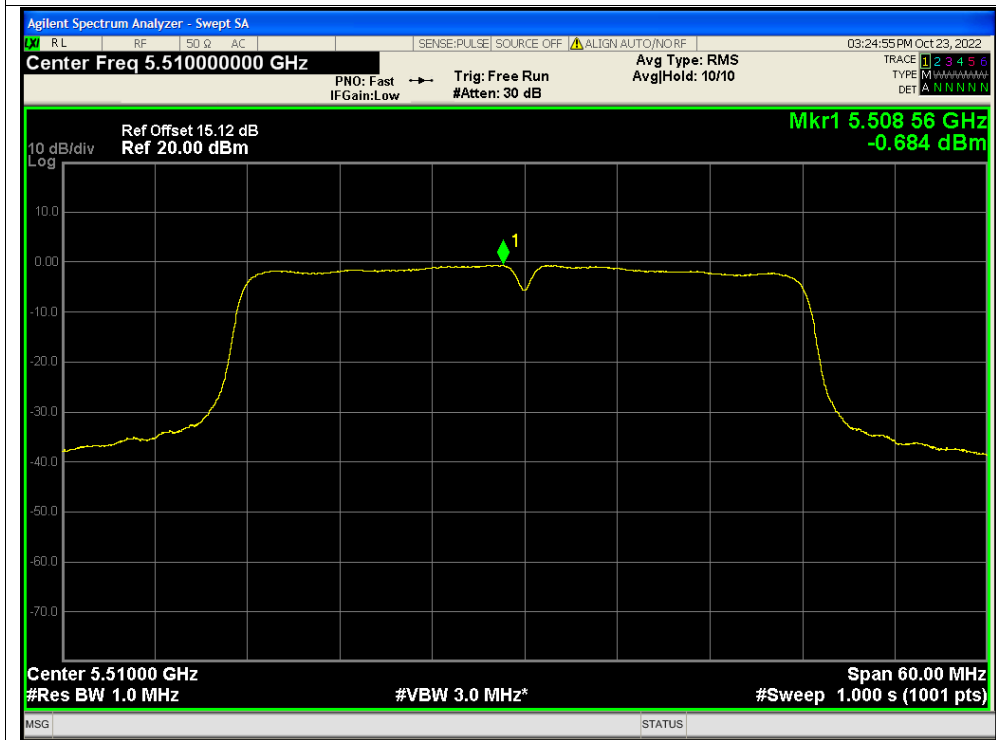


PSD NVNT ac40 5310MHz Ant2

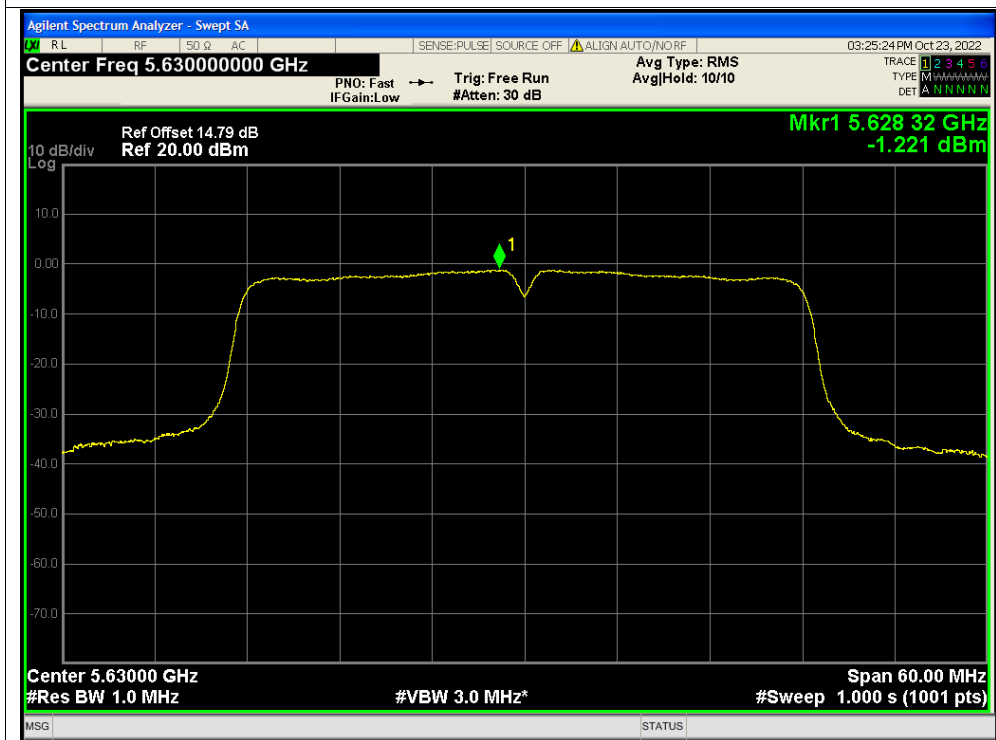




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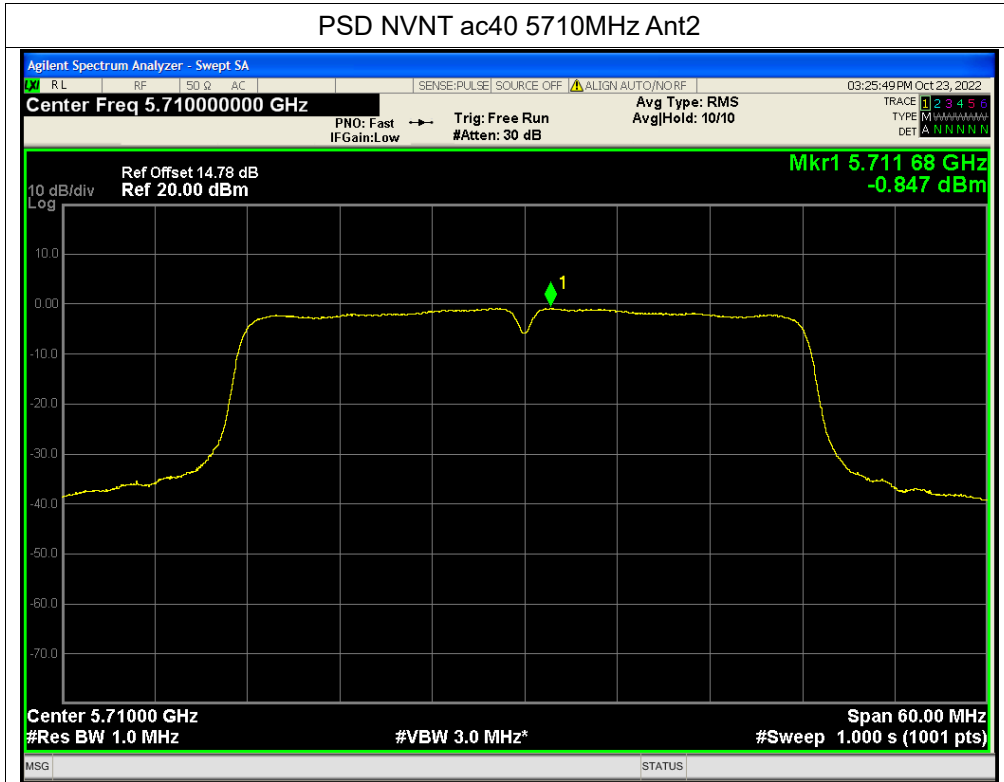


PSD NVNT ac40 5630MHz Ant2

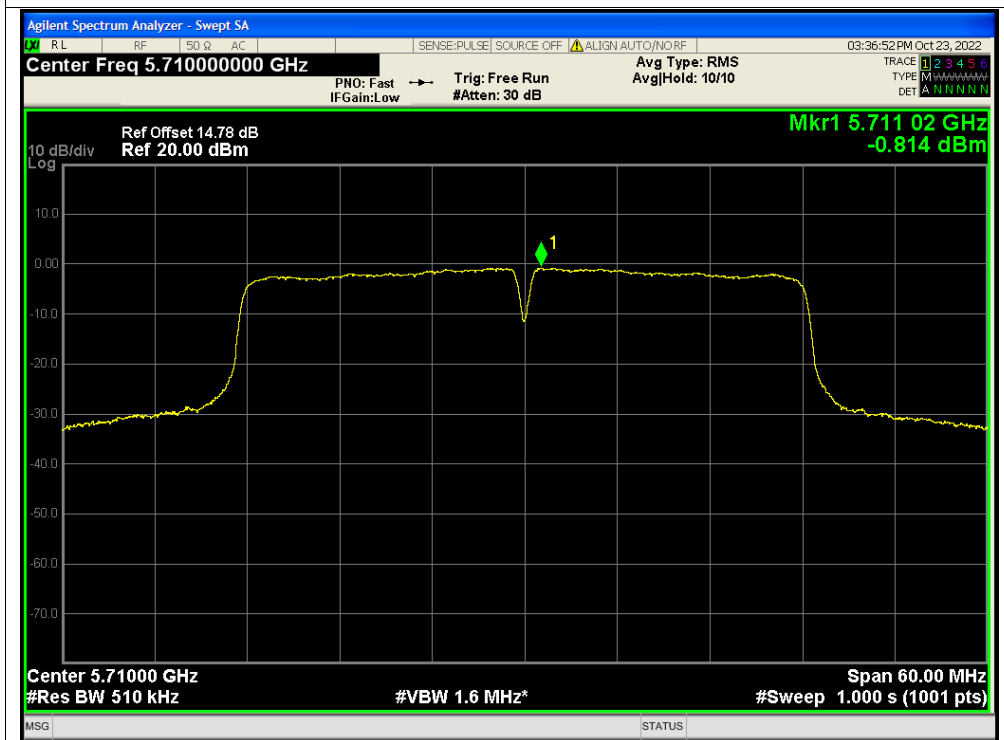




PSD NVNT ac40 5710MHz Ant2



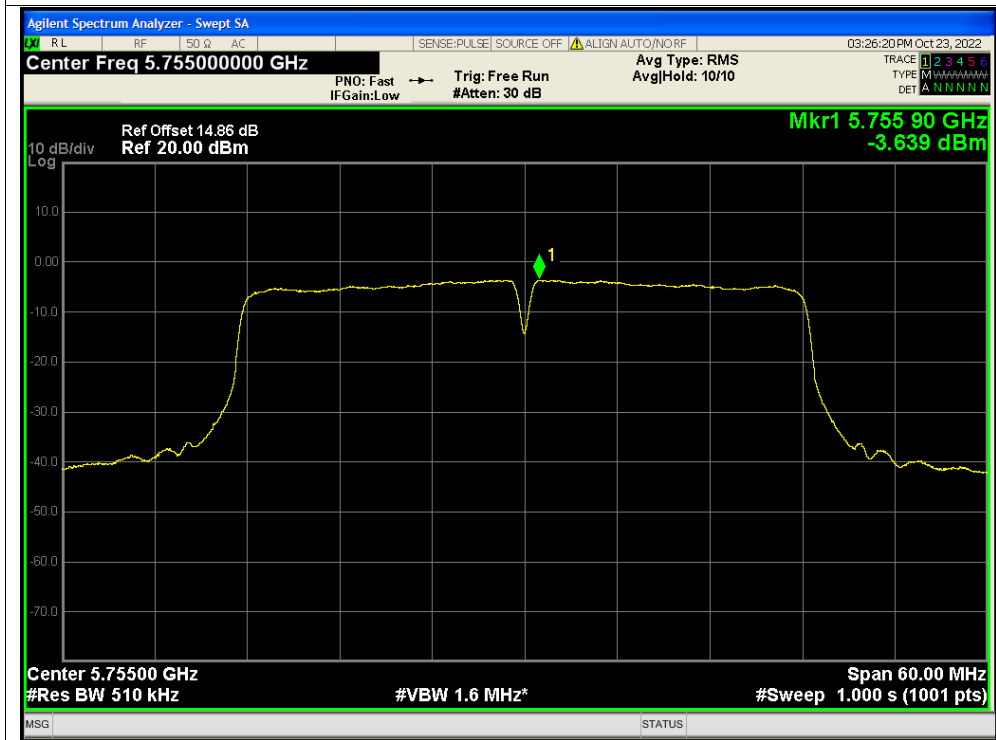
PSD NVNT ac40 5710MHz Ant2



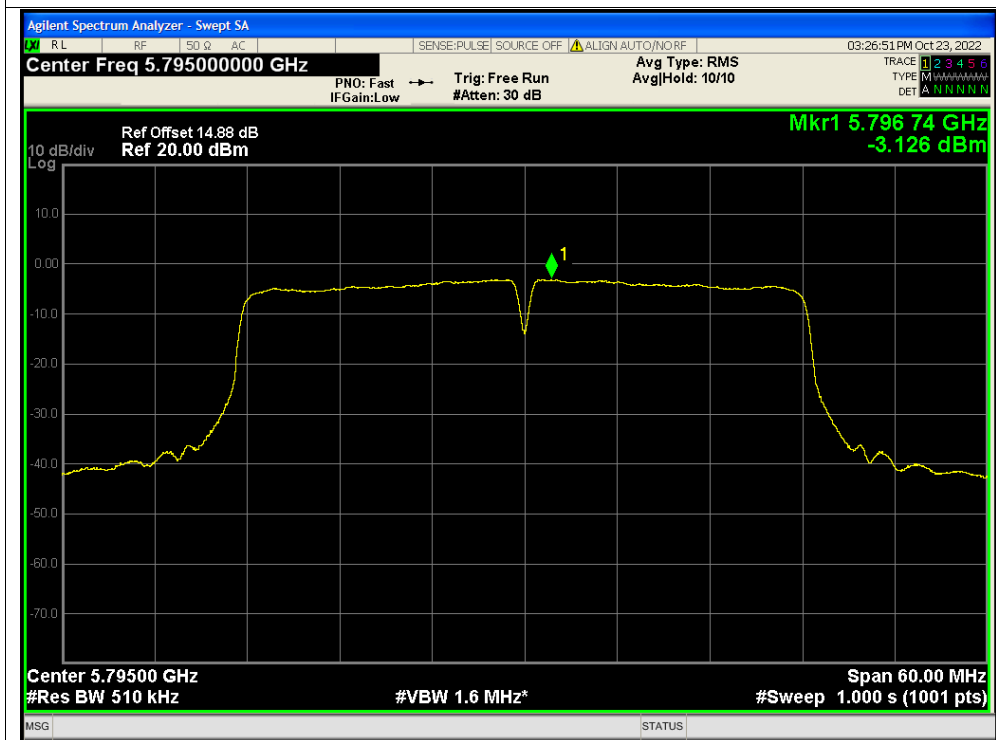




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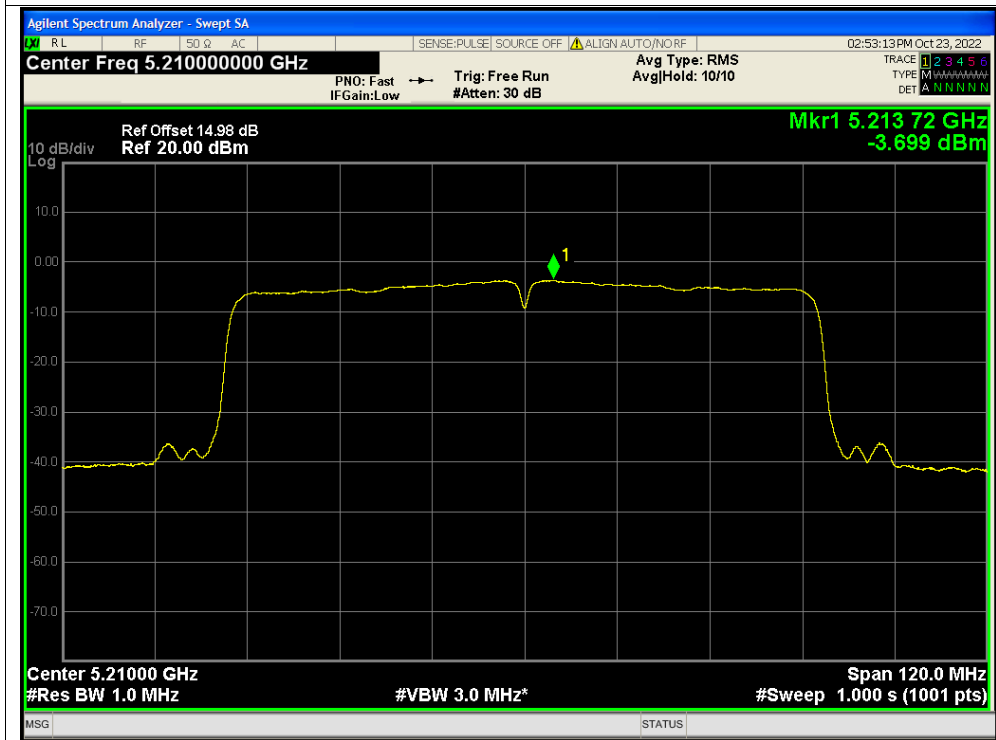


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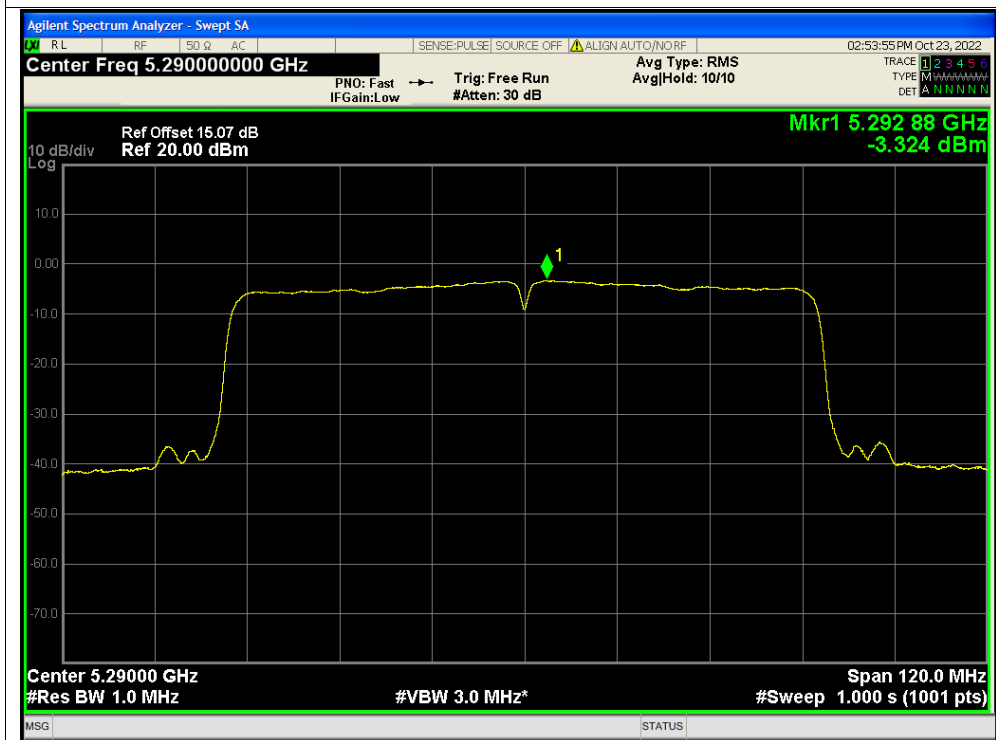




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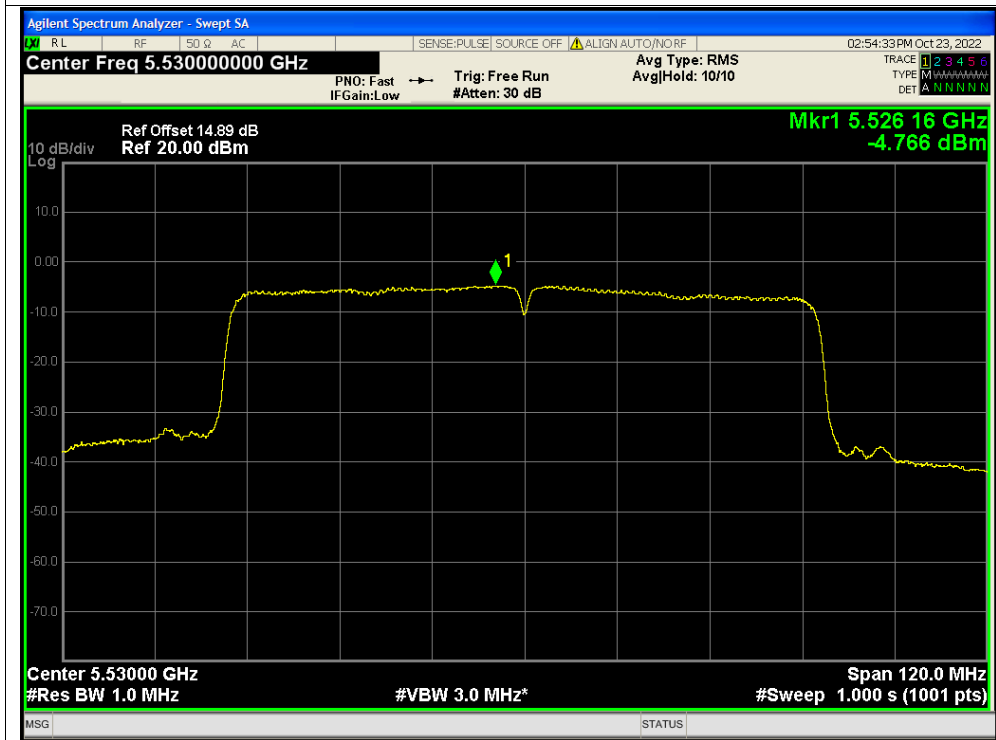


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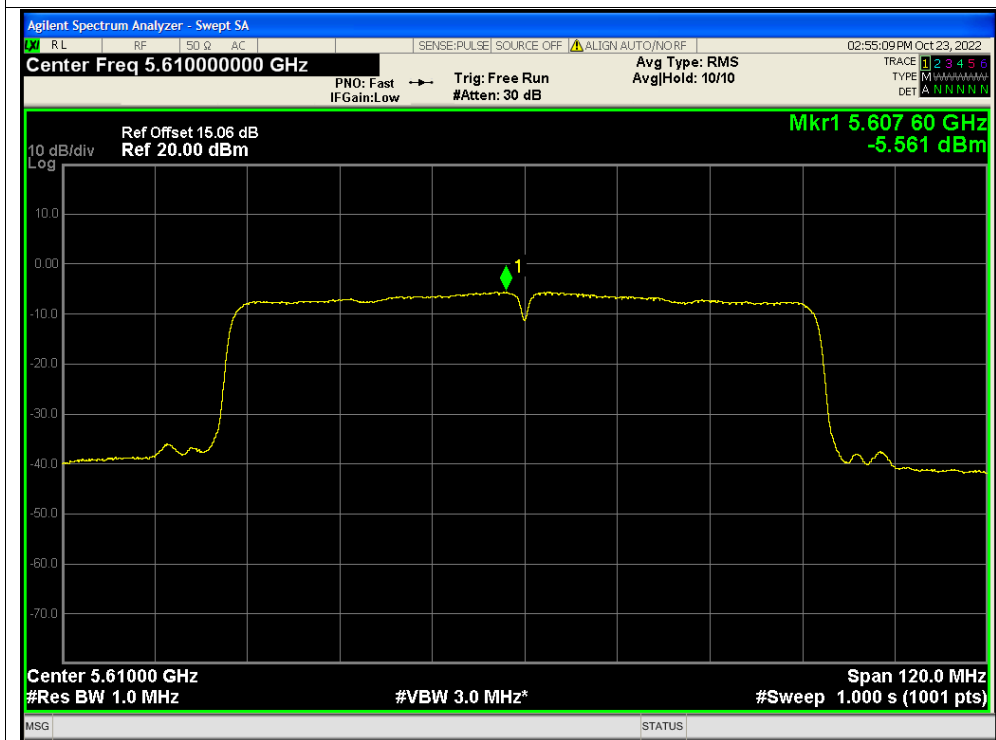




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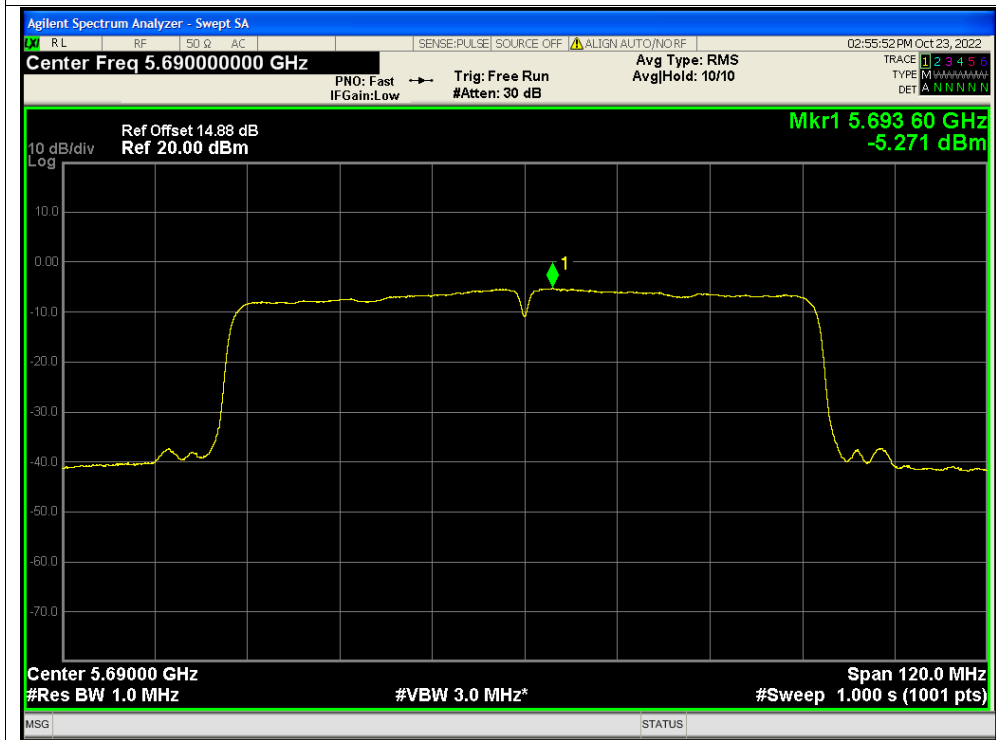


PSD NVNT ac80 5610MHz Ant1

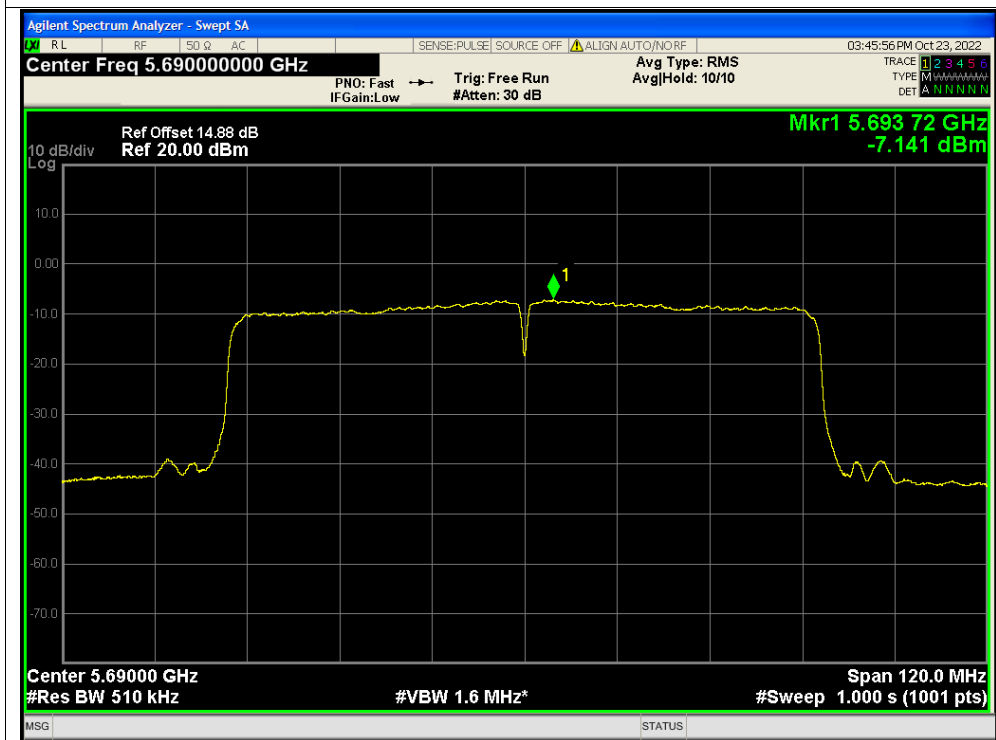


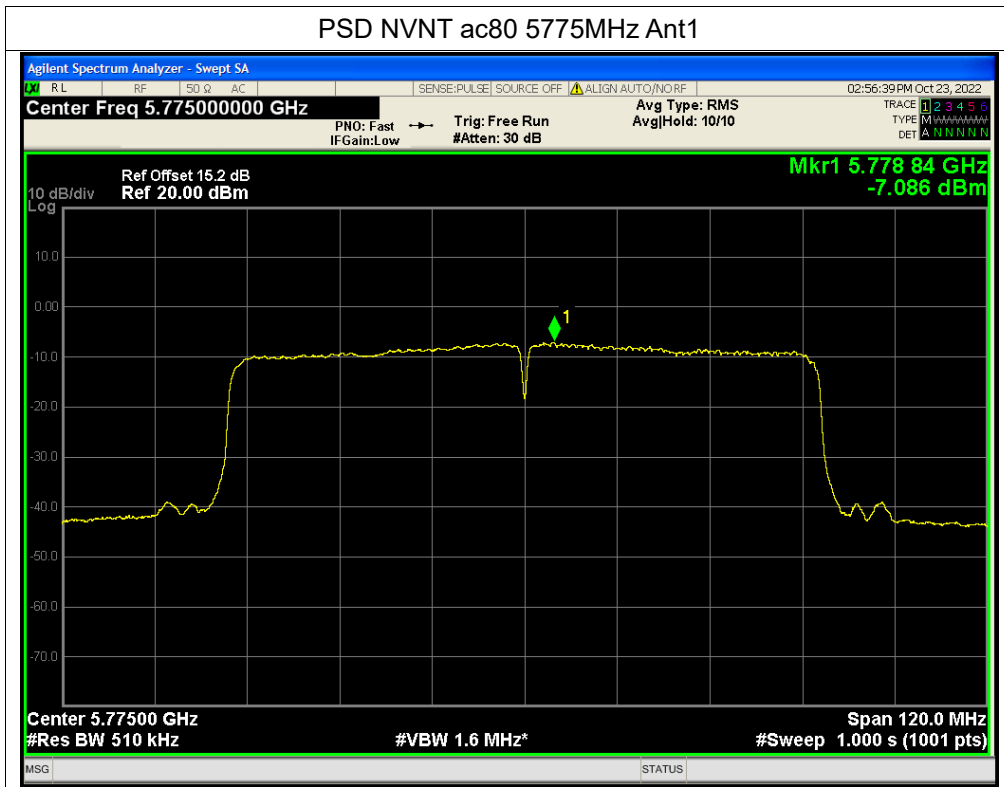


PSD NVNT ac80 5690MHz Ant1



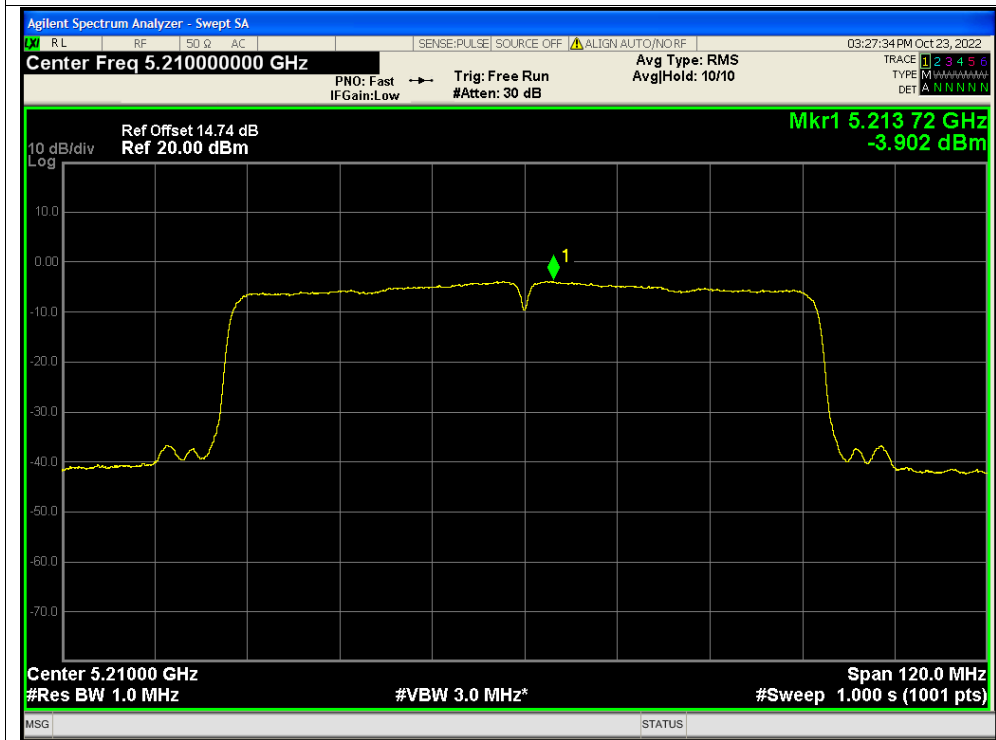
PSD NVNT ac80 5690MHz Ant1







PSD NVNT ac80 5210MHz Ant2

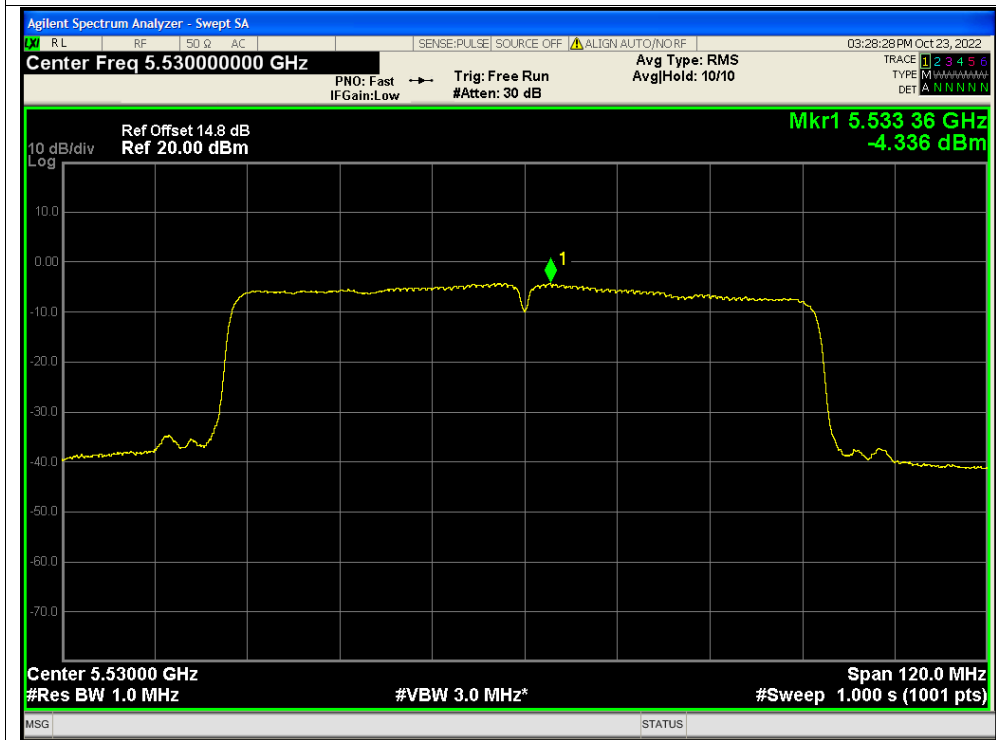


PSD NVNT ac80 5290MHz Ant2

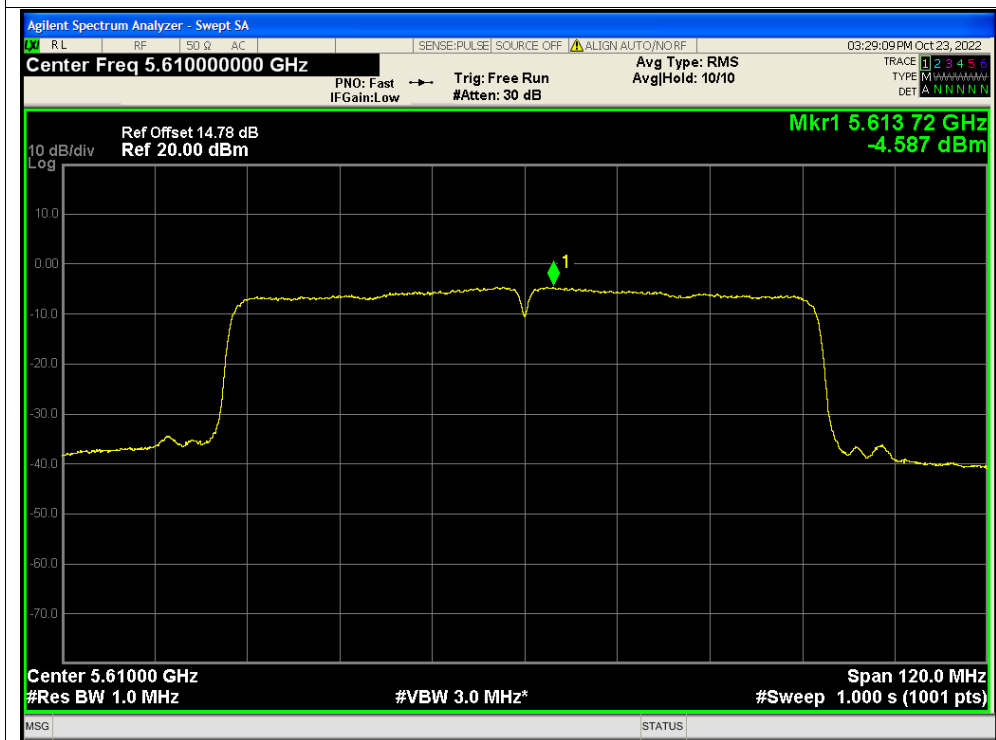




PSD NVNT ac80 5530MHz Ant2

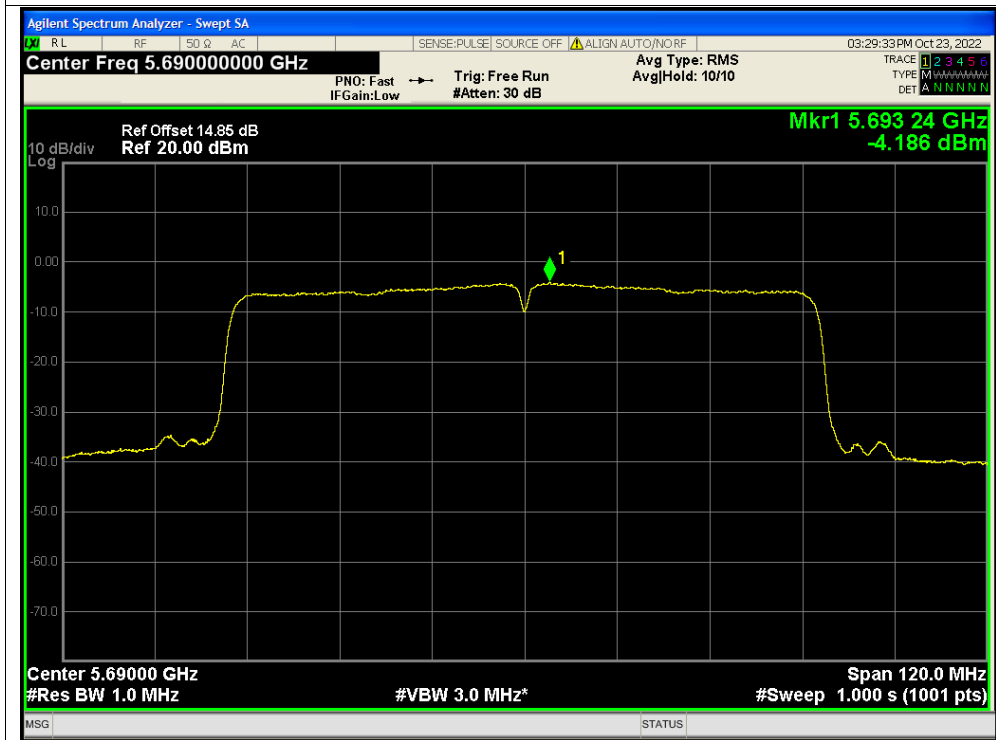


PSD NVNT ac80 5610MHz Ant2

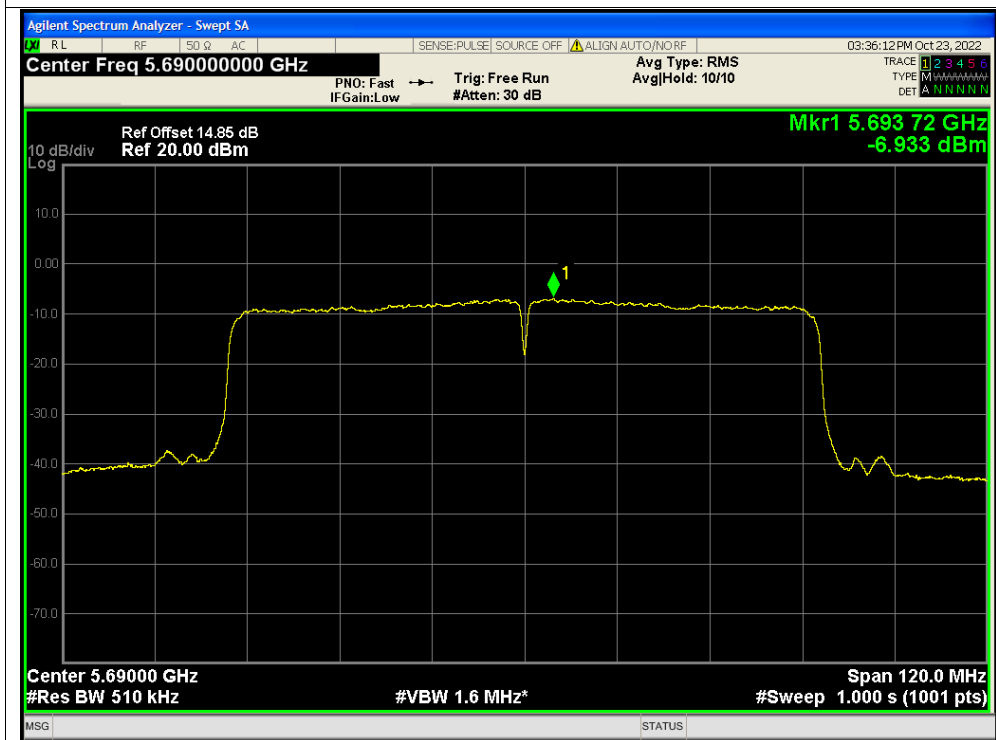




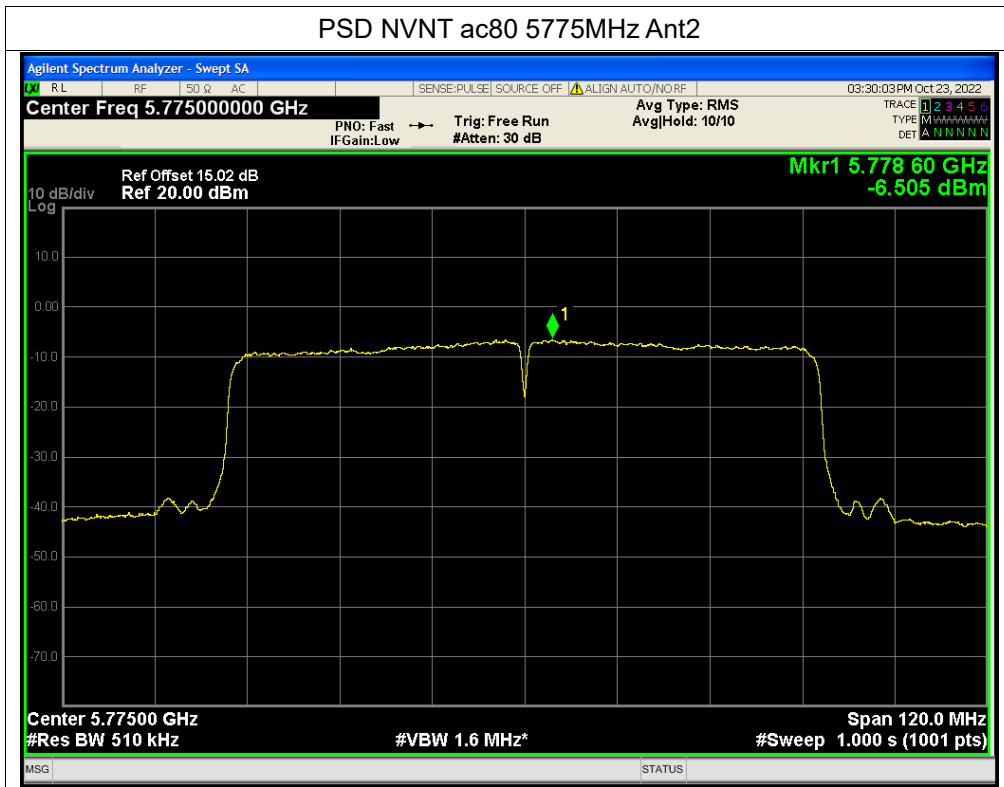
PSD NVNT ac80 5690MHz Ant2



PSD NVNT ac80 5690MHz Ant2







**A.5. Frequency Stability**

<b>U-NII-1 (Ch. 36)</b>				
<b>5180MHz</b>				
VOLTAGE (%)	POWER (VDC)	TEMP (°C)	Fre. Dev. (kHz)	Deviation (ppm)
100%	11.40	+20(Ref)	22	4.247
100%		-30	30	5.792
100%		-20	28	5.405
100%		-10	25	4.826
100%		0	24	4.633
100%		+10	21	4.054
100%		+20	19	3.668
100%		+30	22	4.247
100%		+40	25	4.826
100%		+50	22	4.247
115%		13.05	+20	27
85%	9.69	+20	29	5.598

<b>U-NII-2A (Ch. 52)</b>				
<b>5260MHz</b>				
VOLTAGE (%)	POWER (VDC)	TEMP (°C)	Fre. Dev. (kHz)	Deviation (ppm)
100%	11.40	+20(Ref)	17	3.232
100%		-30	21	3.992
100%		-20	24	4.563
100%		-10	26	4.943
100%		0	18	3.422
100%		+10	16	3.042
100%		+20	20	3.802
100%		+30	25	4.753
100%		+40	29	5.513
100%		+50	24	4.563
115%		13.05	+20	18
85%	9.69	+20	20	3.802



U-NII-2C (Ch. 100)				
5500MHz				
VOLTAGE (%)	POWER (VDC)	TEMP (°C)	Fre. Dev. (kHz)	Deviation (ppm)
100%	11.40	+20(Ref)	22	4.000
100%		-30	26	4.727
100%		-20	31	5.636
100%		-10	30	5.455
100%		0	23	4.182
100%		+10	20	3.636
100%		+20	24	4.364
100%		+30	31	5.636
100%		+40	30	5.455
100%		+50	26	4.727
115%	13.05	+20	28	5.091
85%	9.69	+20	31	5.636

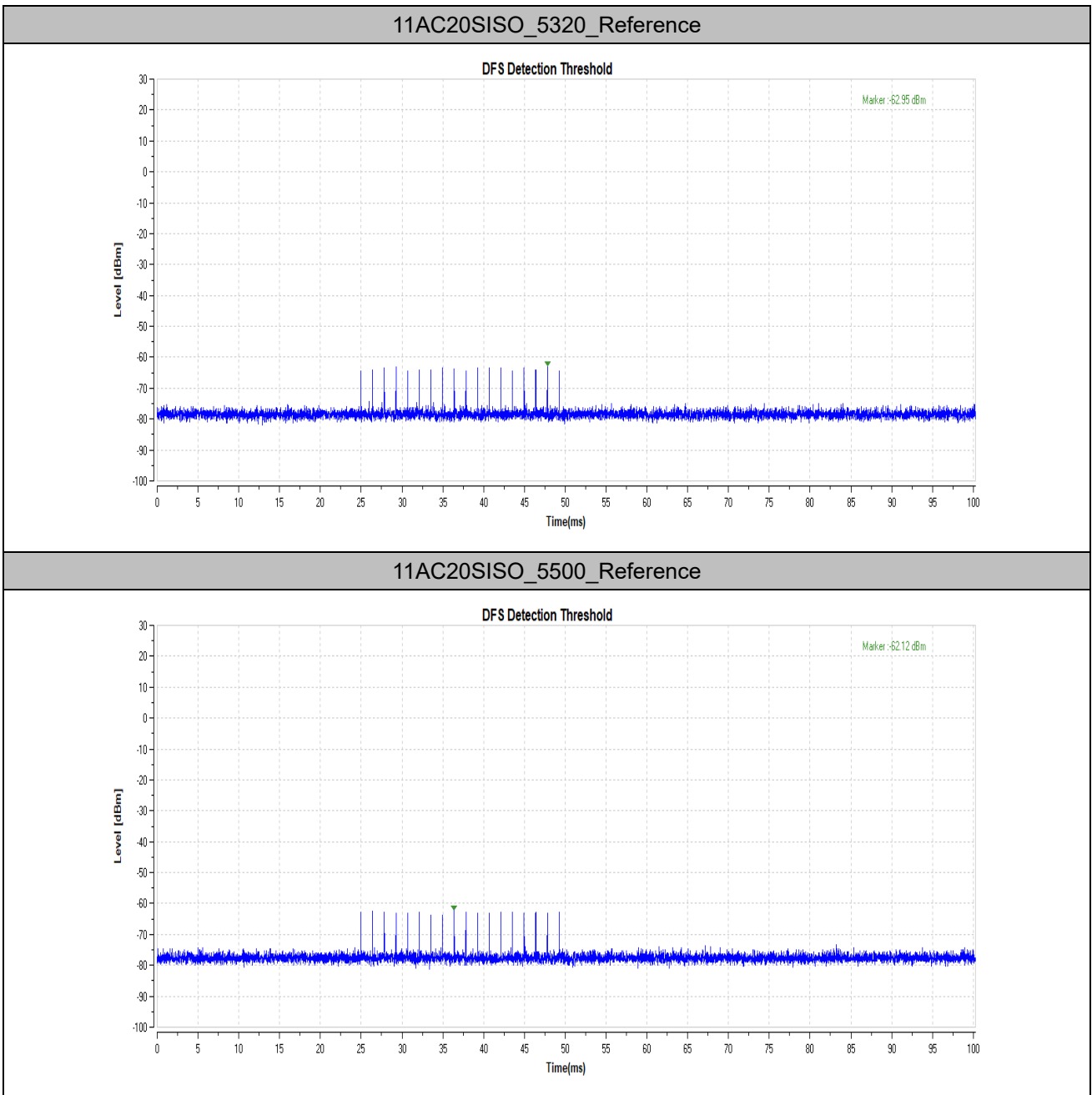
U-NII-3 (Ch. 149)				
5745MHz				
VOLTAGE (%)	POWER (VDC)	TEMP (°C)	Fre. Dev. (kHz)	Deviation (ppm)
100%	11.40	+20(Ref)	23	4.003
100%		-30	27	4.700
100%		-20	28	4.874
100%		-10	22	3.829
100%		0	31	5.396
100%		+10	26	4.526
100%		+20	27	4.700
100%		+30	27	4.700
100%		+40	29	5.048
100%		+50	29	5.048
115%	13.05	+20	32	5.570
85%	9.69	+20	30	5.222



### A.6. Dynamic Frequency Selection

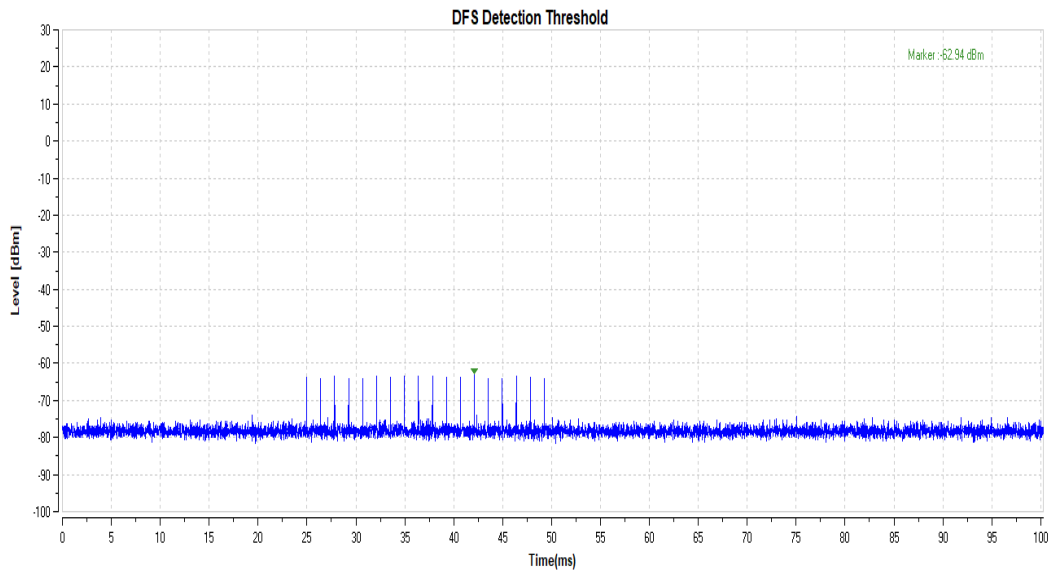
#### Detection Thresholds

TestMode	Channel	Radar Type	Result	Limit[dbm]	Verdict
11AC20SISO	5320	Reference	-62.95	-59.00	PASS
	5500	Reference	-62.12	-59.00	PASS
11AC80SISO	5290	Reference	-62.94	-59.00	PASS
	5530	Reference	-62.86	-59.00	PASS

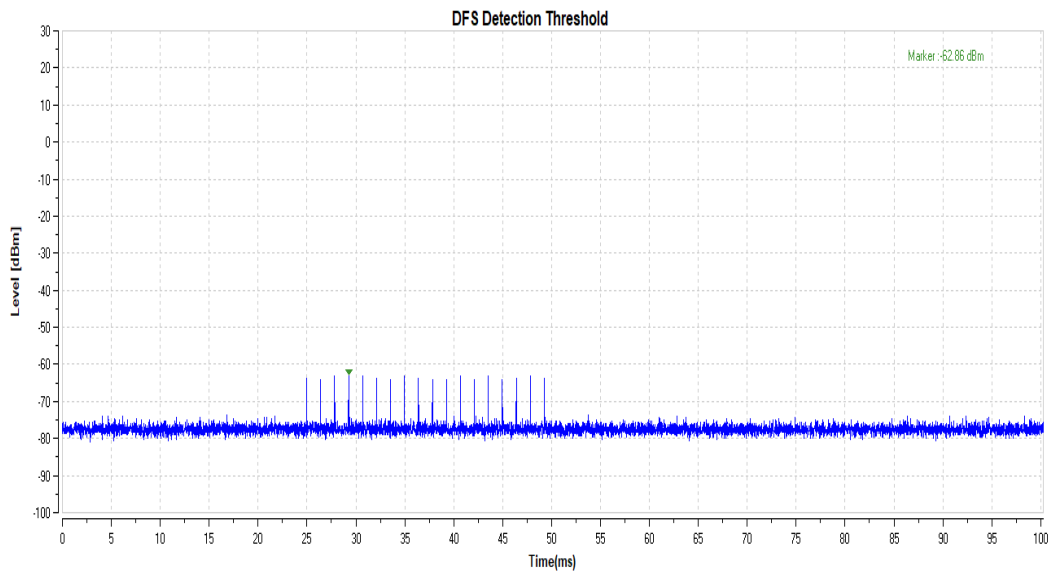




11AC80SISO\_5290\_Reference



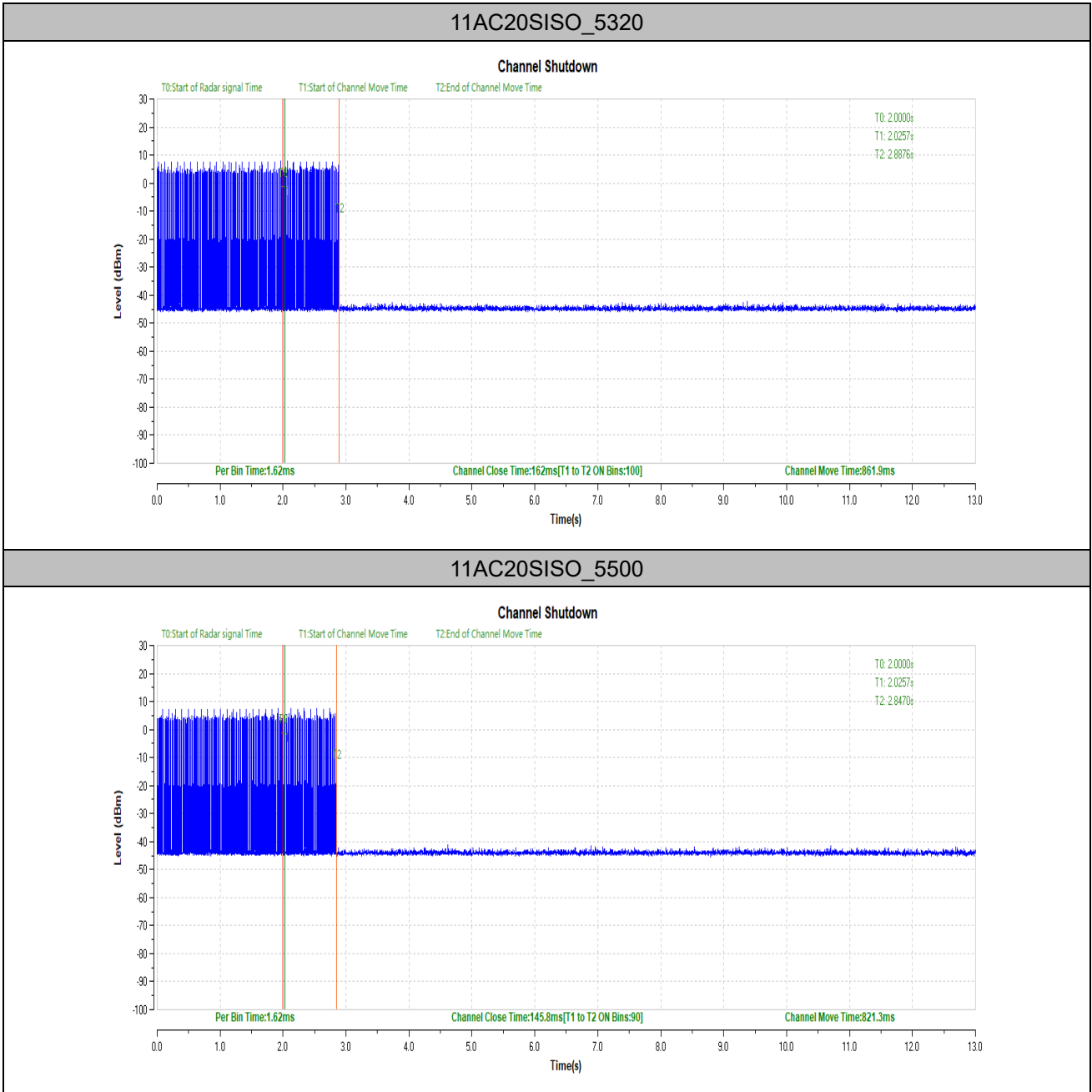
11AC80SISO\_5530\_Reference





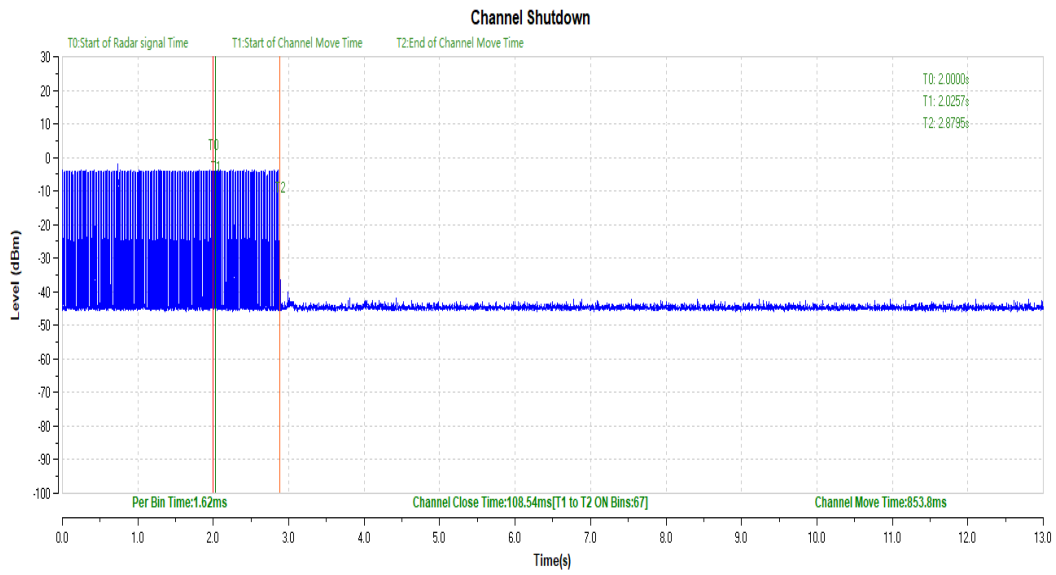
Channel Move Time and Channel Closing Transmission Time

TestMode	Channel	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AC20SISO	5320	162	260	861.9	10000	PASS
	5500	145.8	260	821.3	10000	PASS
11AC80SISO	5290	108.54	260	853.8	10000	PASS
	5530	124.74	260	759.6	10000	PASS

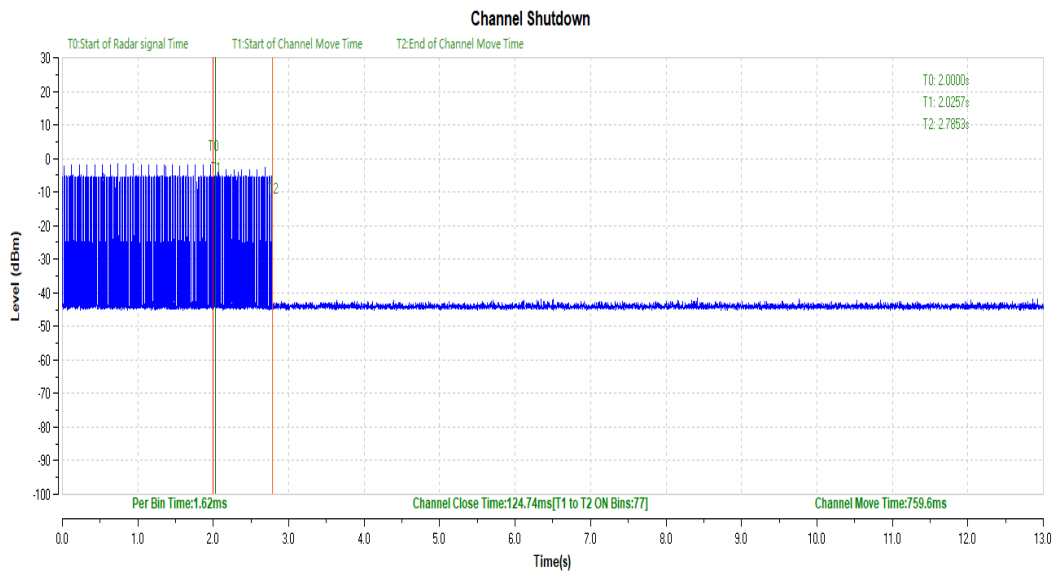




11AC80SISO\_5290



11AC80SISO\_5530

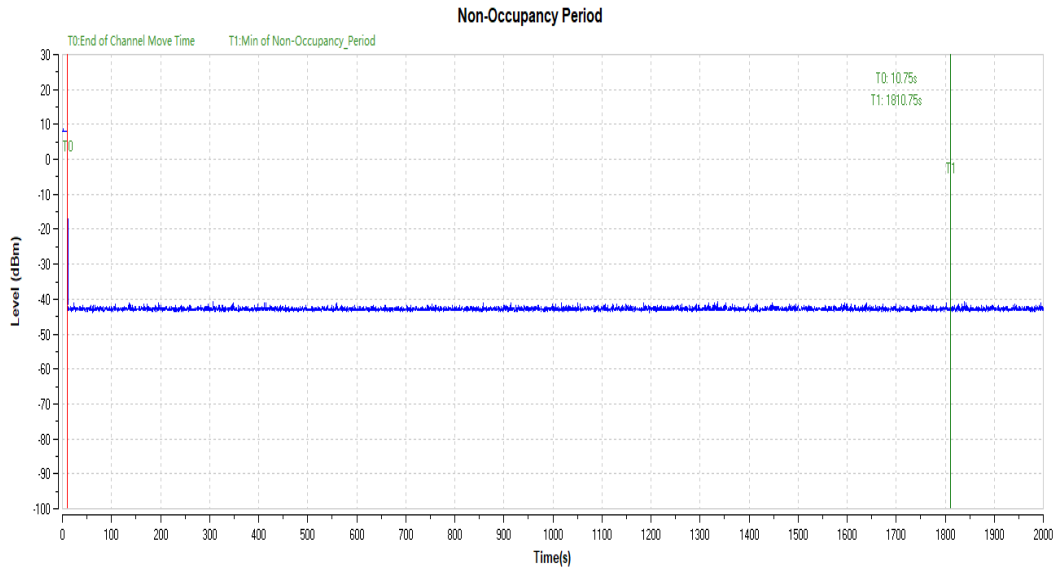




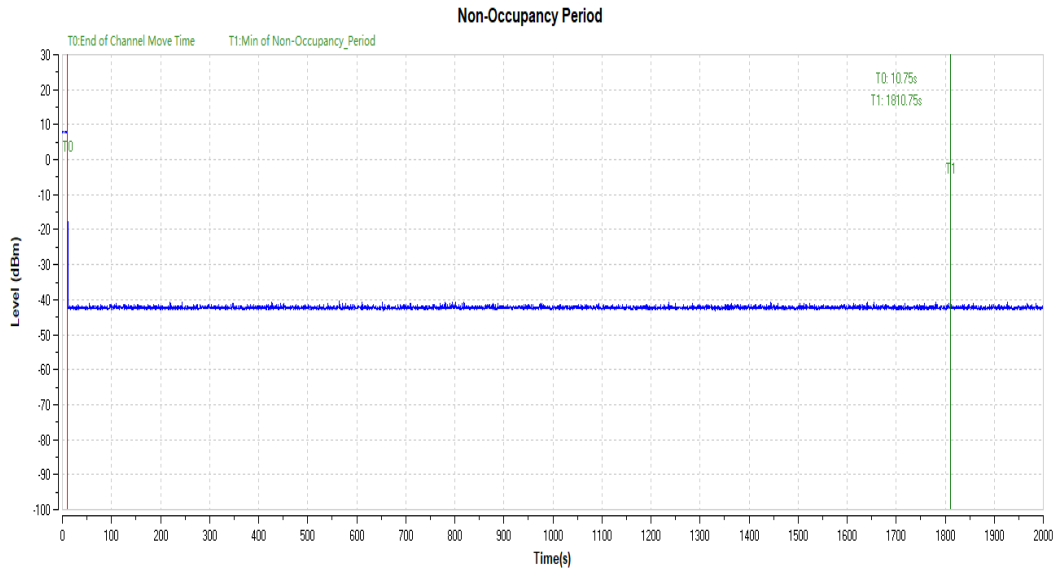
Non-Occupancy Period

TestMode	Channel	Result	Limit[s]	Verdict
11AC20SISO	5320	see test graph	≥1800	PASS
	5500	see test graph	≥1800	PASS

11AC20SISO\_5320



11AC20SISO\_5500







### A.7. Conducted Emission

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Set RBW=9kHz, VBW=30kHz. Refer to recorded points and plots below.

**Note:** Both of the test voltage AC 120V/60Hz and AC 230V/50Hz were considered and tested respectively, only the results of the worst case AC 120V/60Hz were recorded in this report.

#### A. Test Setup:

Test Mode: EUT + Adapter + Computer +WIFI TX

Test voltage: AC 120V/60Hz

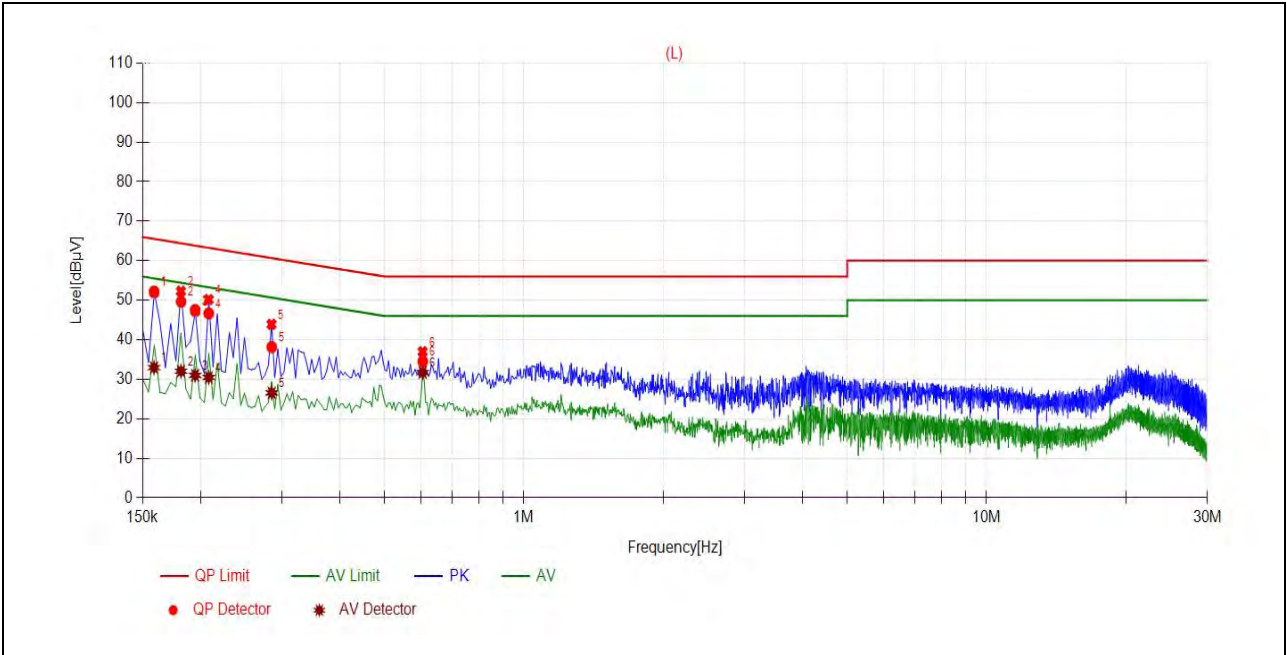
The measurement results are obtained as below:

$$E \text{ [dB}\mu\text{V]} = U_R + L_{\text{Cable loss}} \text{ [dB]} + A_{\text{Factor}}$$

$U_R$ : Receiver Reading

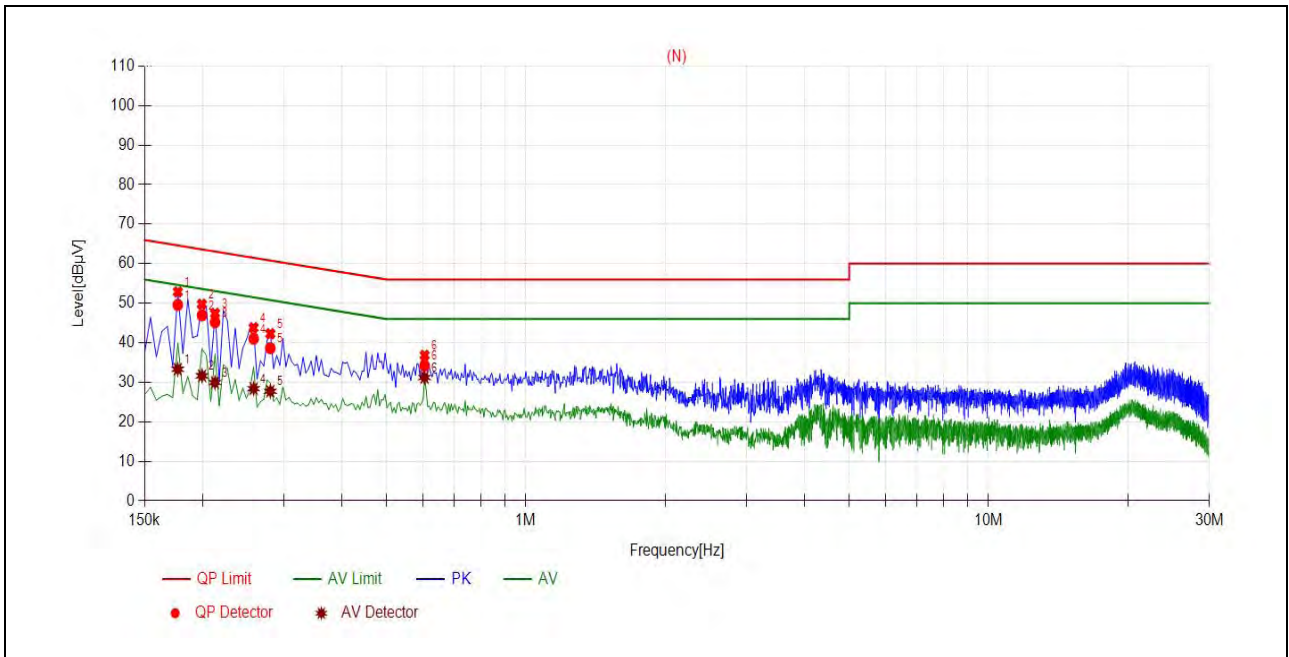
$A_{\text{Factor}}$ : Voltage division factor of LISN

**B. Test Plot:**



(L Phase)

No.	Fre. (MHz)	Emission Level (dBµV)		Limit (dBµV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1588	52.19	32.94	65.52	55.52	Line	PASS
2	0.1816	49.64	32.05	64.41	54.41		PASS
3	0.1948	47.52	31.00	63.83	53.83		PASS
4	0.2085	46.67	30.47	63.26	53.26		PASS
5	0.2852	38.15	26.56	60.66	50.66		PASS
6	0.6046	34.52	31.71	56.00	46.00		PASS



(N Phase)

No.	Fre. (MHz)	Emission Level (dBµV)		Limit (dBµV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1769	49.56	33.30	64.63	54.63	Neutral	PASS
2	0.1996	46.94	31.64	63.63	53.63		PASS
3	0.2129	45.21	29.93	63.09	53.09		PASS
4	0.2581	41.04	28.39	61.49	51.49		PASS
5	0.2804	38.63	27.73	60.80	50.80		PASS
6	0.6041	34.21	31.21	56.00	46.00		PASS



### A.8. Restricted Frequency Bands

The lowest and highest channels are tested to verify the Restricted Frequency Bands.

The measurement results are obtained as below:

$$E \text{ [dB}\mu\text{V/m]} = U_R + A_T + A_{\text{Factor}} \text{ [dB]}; A_T = L_{\text{Cable loss}} \text{ [dB]} - G_{\text{preamp}} \text{ [dB]}$$

$A_T$ : Total correction Factor except Antenna

$U_R$ : Receiver Reading

$G_{\text{preamp}}$ : Preamplifier Gain

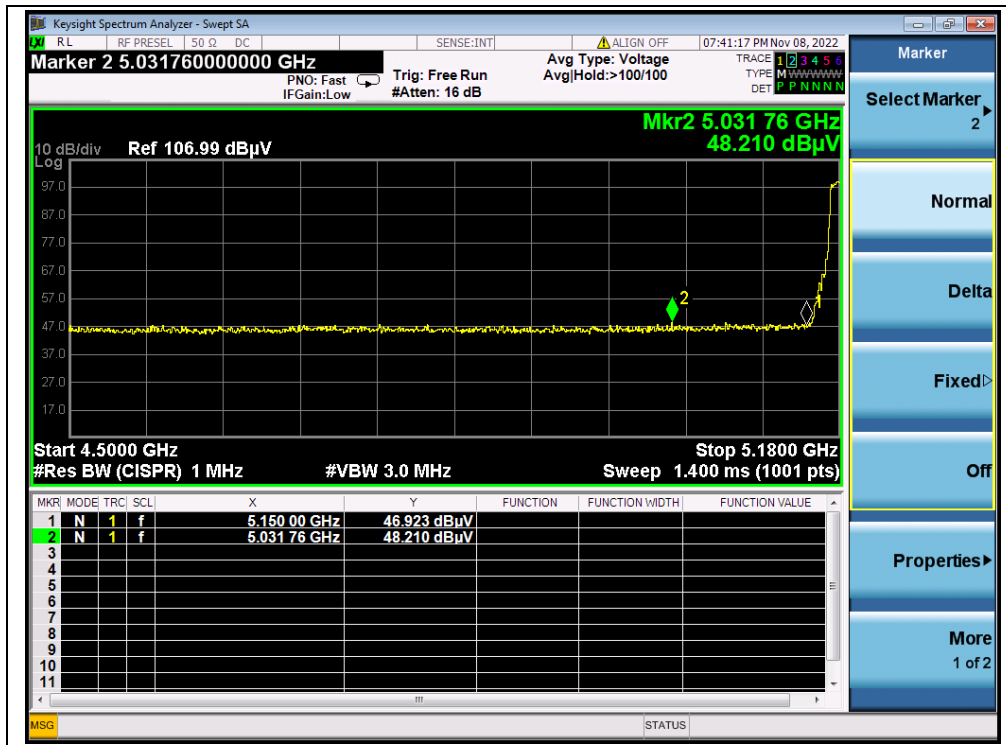
$A_{\text{Factor}}$ : Antenna Factor at 3m

**Note 1:** Restricted Frequency Bands were performed when antenna was at vertical and horizontal polarity, and only the worse test condition (vertical) was recorded in this test report.

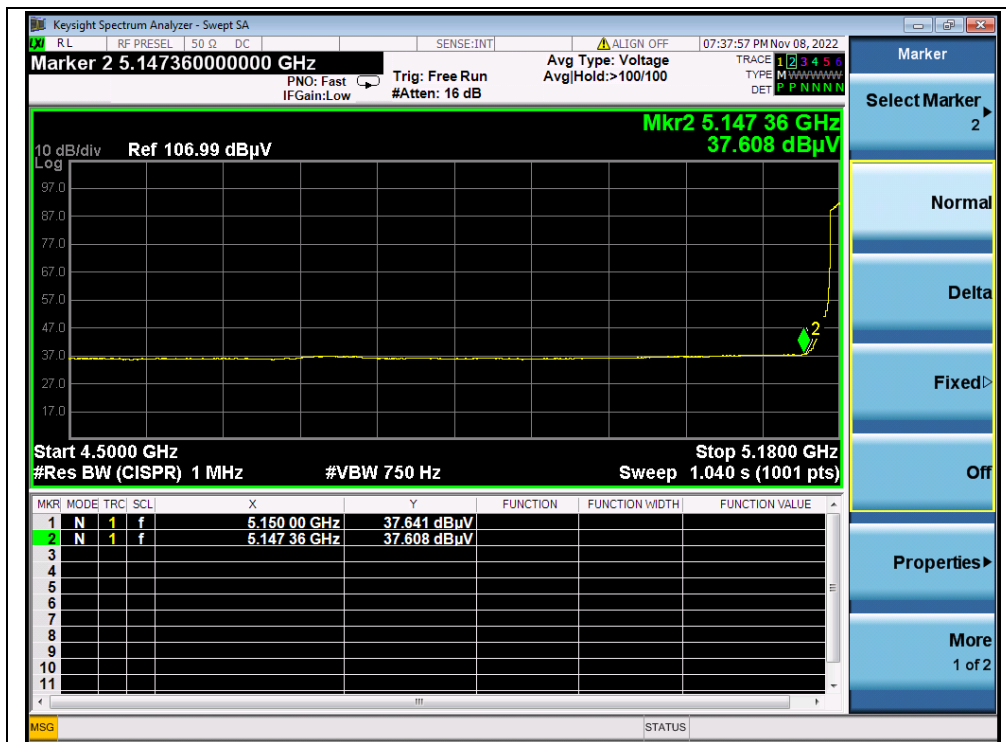
**Note 2:** All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

#### 802.11a Mode

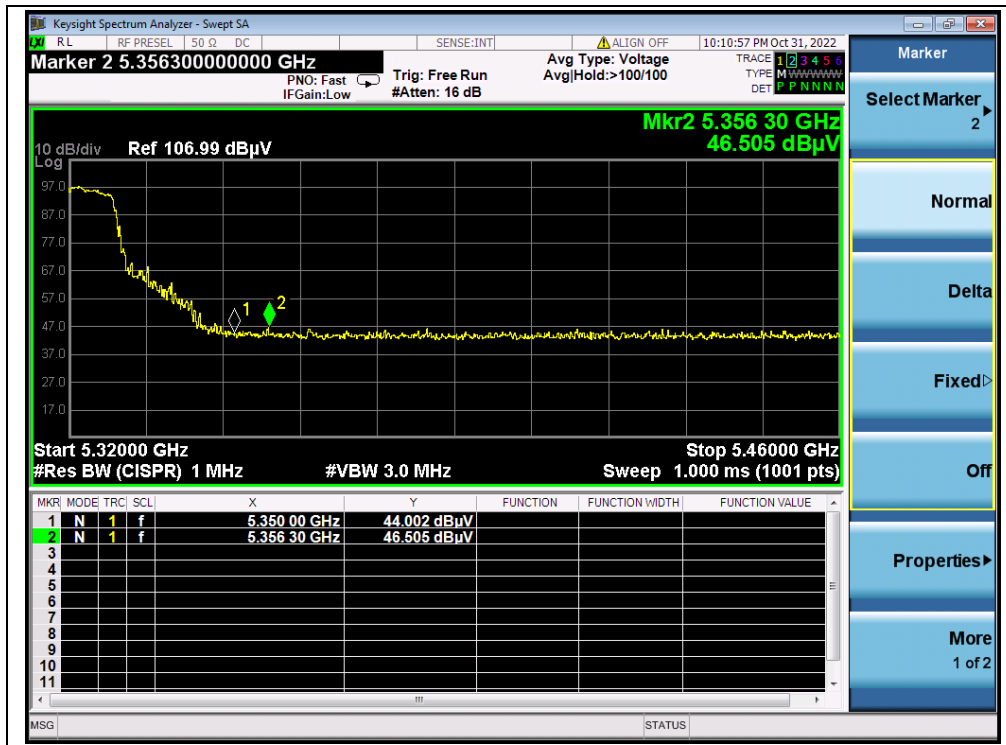
Channel	Frequency (MHz)	Detector	Receiver Reading	$A_T$ (dB)	$A_{\text{Factor}}$ (dB@3m)	Max. Emission E (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Verdict
		PK/ AV	$U_R$ (dB $\mu$ V)					
36	5031.76	PK	48.21	-19.54	32.20	60.87	74	PASS
36	5150.00	AV	37.64	-19.54	32.20	50.30	54	PASS
64	5356.30	PK	46.51	-18.80	32.20	59.91	74	PASS
64	5350.00	AV	36.55	-18.80	32.20	49.95	54	PASS
100	5121.87	PK	47.88	-19.20	32.20	60.88	74	PASS
100	5119.83	AV	37.12	-19.20	32.20	50.12	54	PASS
144	5746.10	PK	45.21	-19.20	32.20	58.21	68.23	PASS
149	5725.00	PK	60.30	-19.01	32.20	73.49	122.23	PASS
165	5850.00	PK	46.18	-19.01	32.20	59.37	122.23	PASS



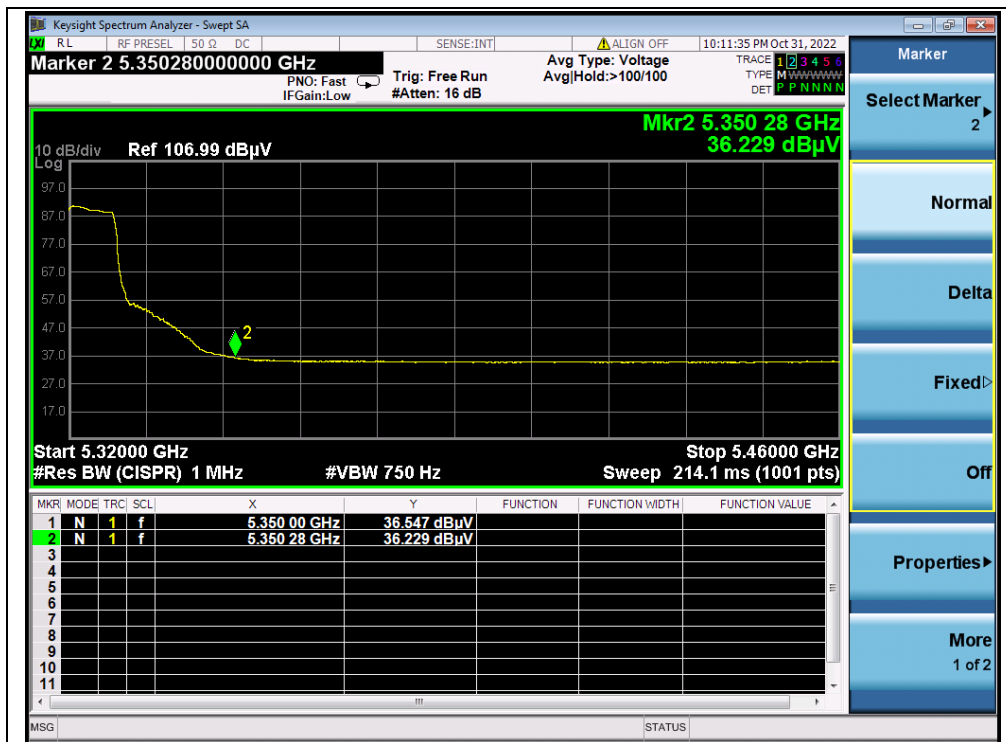
(PEAK, Channel 36, 802.11a)



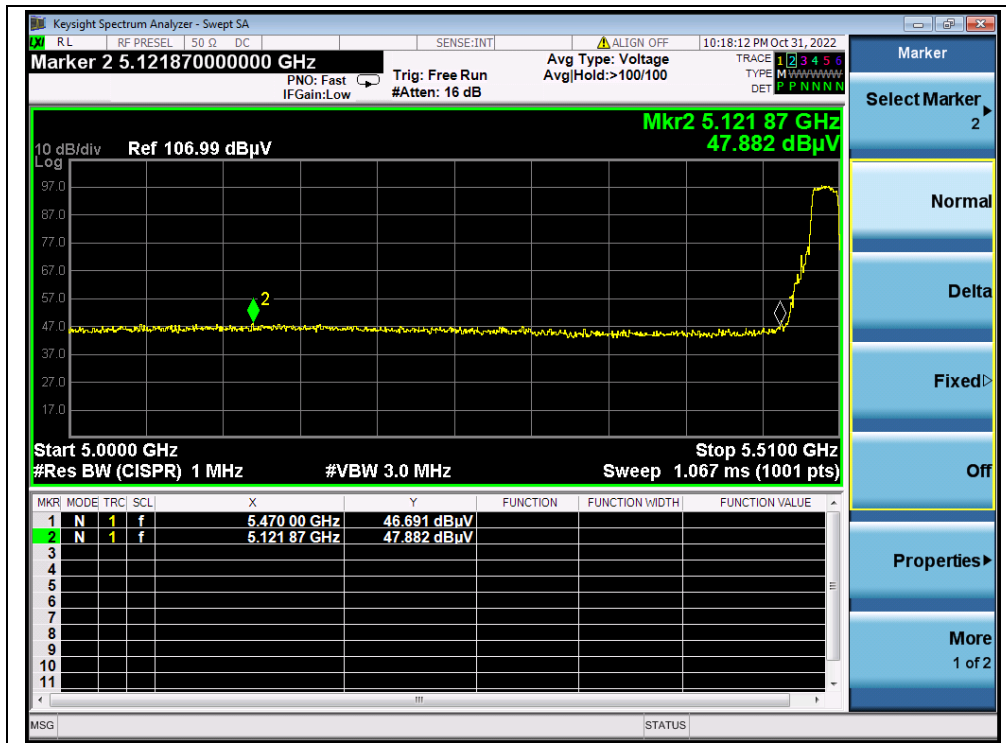
(AVERAGE, Channel 36, 802.11a)



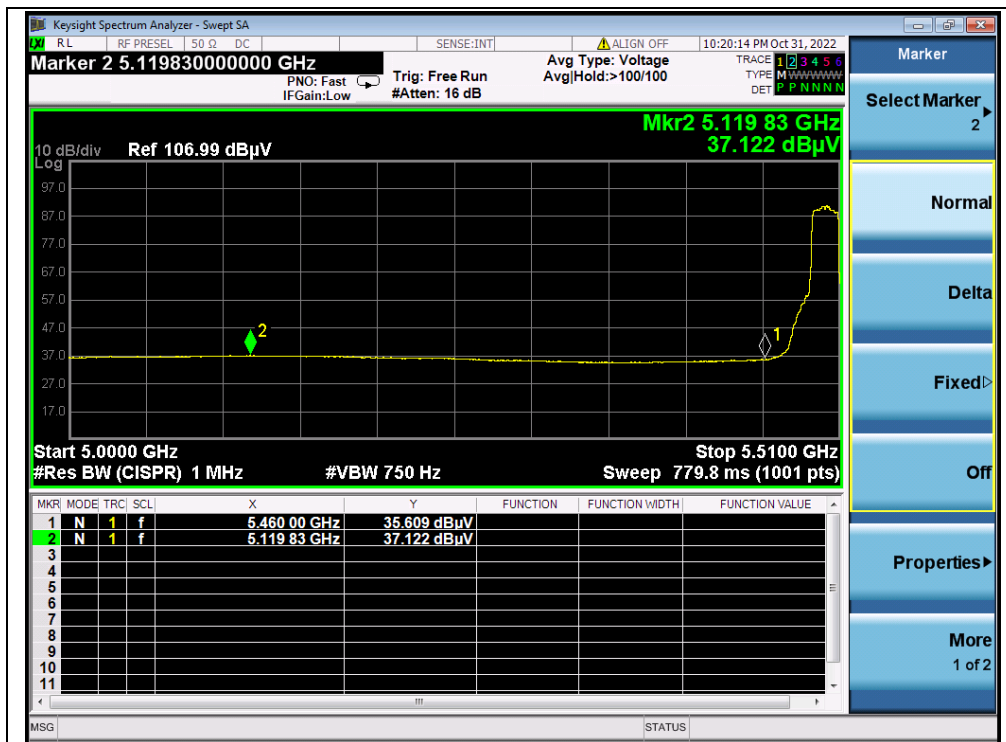
(PEAK, Channel 64, 802.11a)



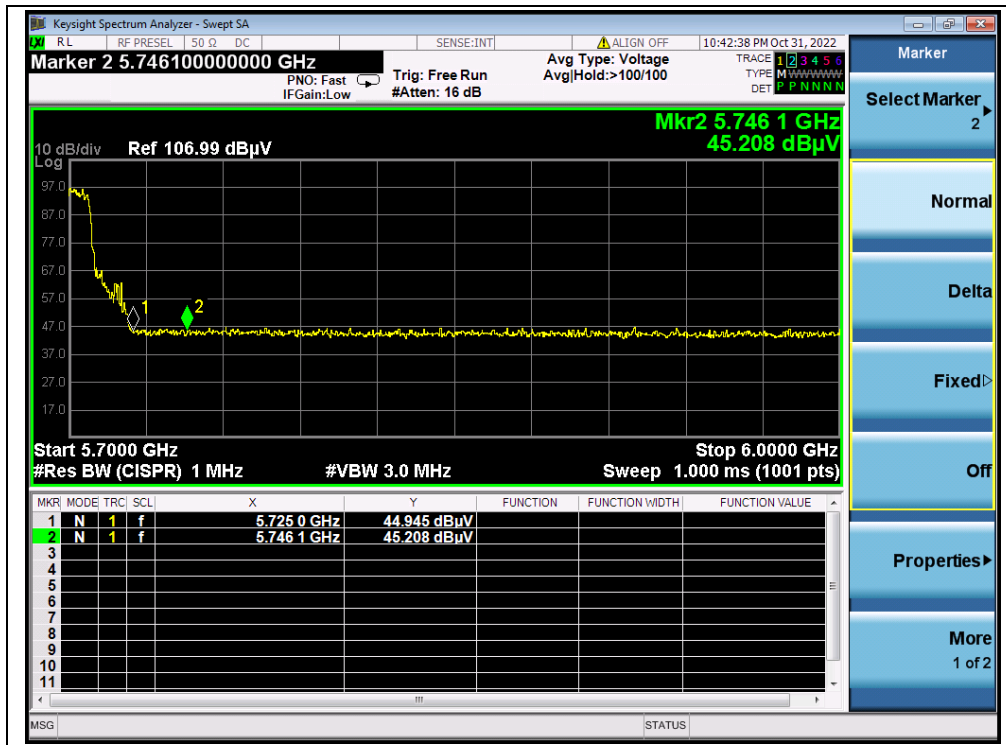
(AVERAGE, Channel 64, 802.11a)



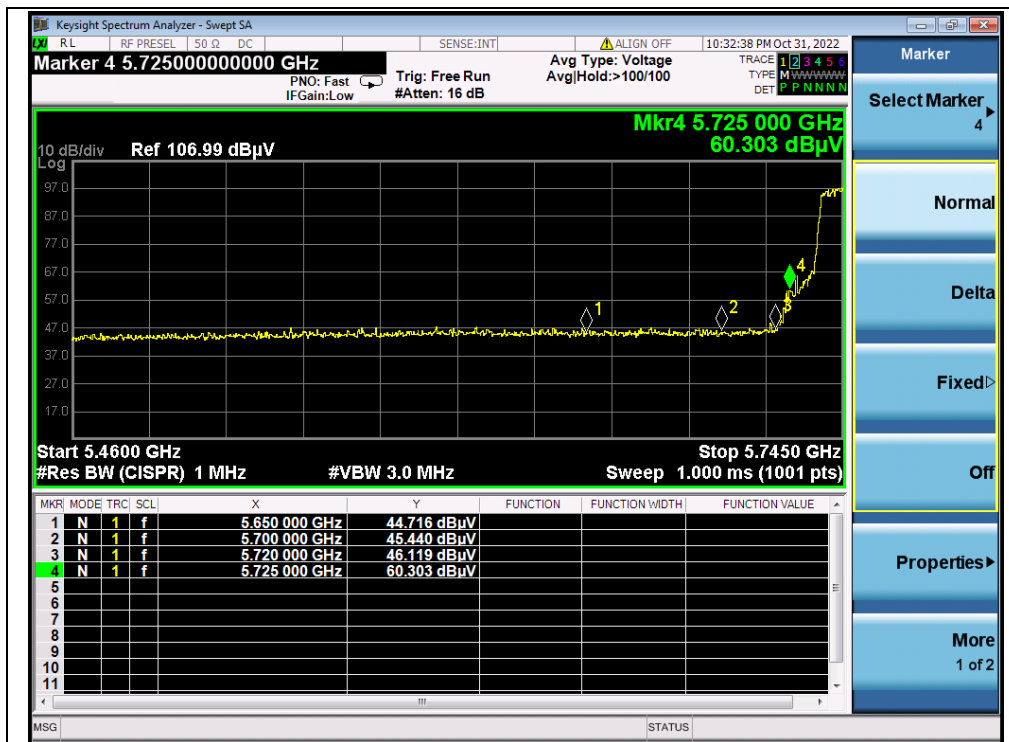
(PEAK, Channel 100, 802.11a)



(AVERAGE, Channel 100, 802.11a)

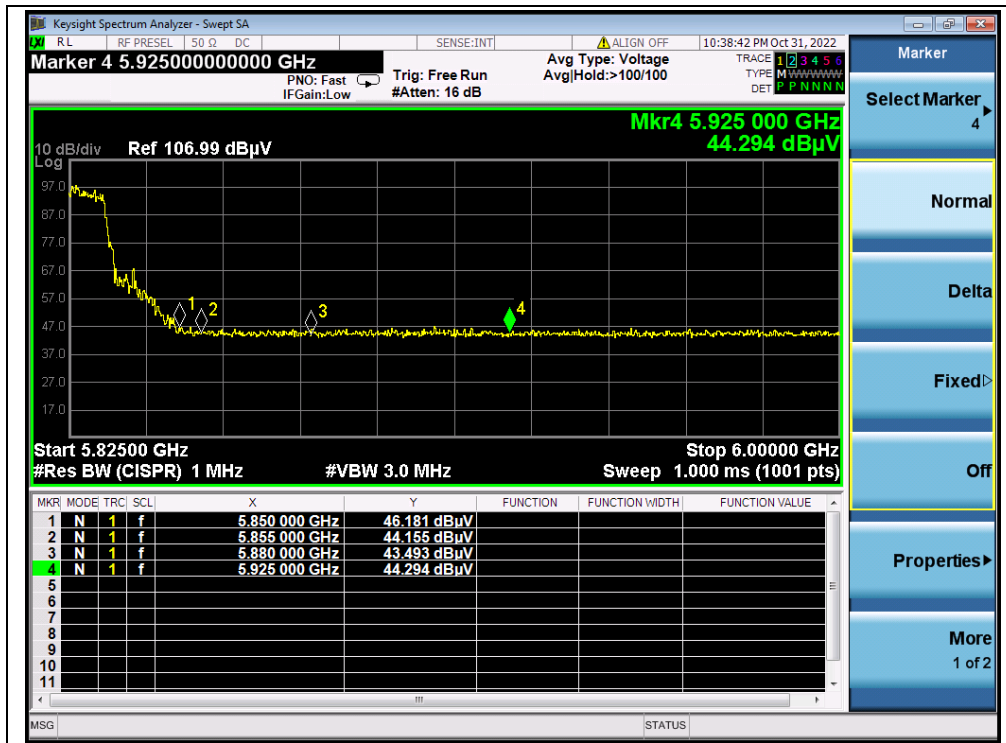


(PEAK, Channel 144, 802.11a)



(PEAK, Channel 149, 802.11a)



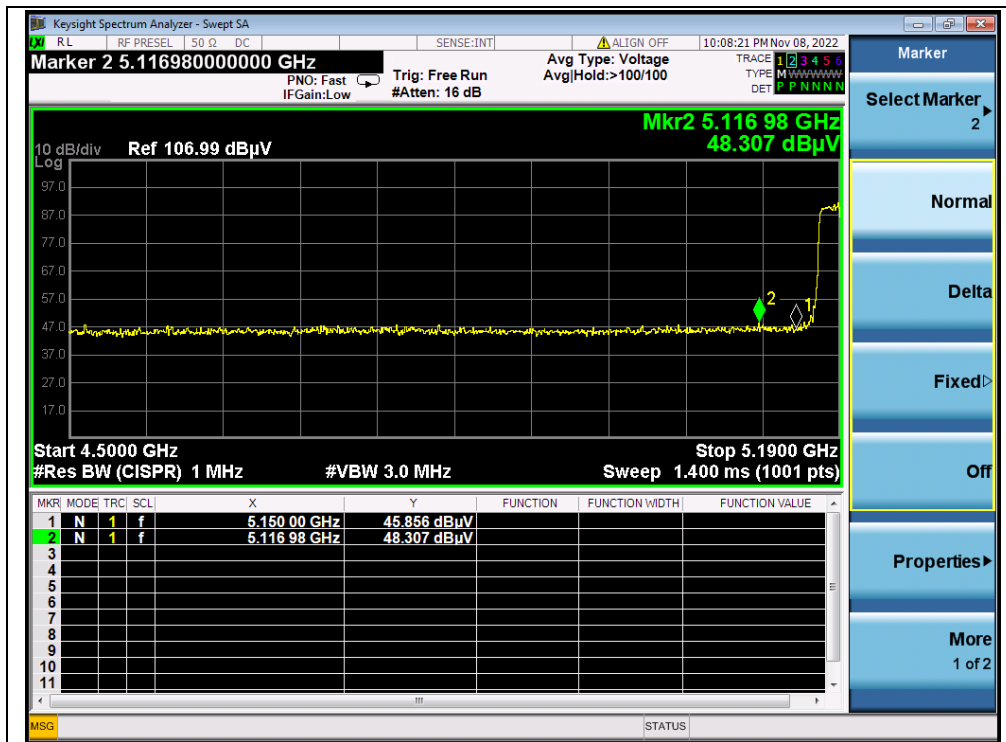


(PEAK, Channel 165, 802.11a)

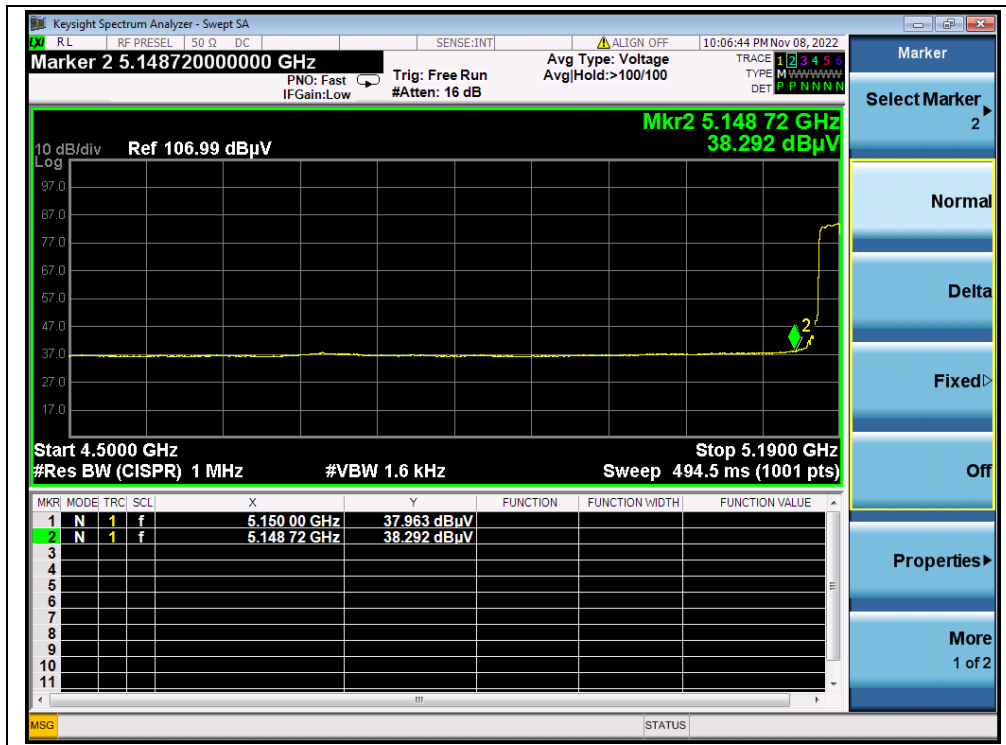


802.11n (HT40) Mode

Channel	Frequency (MHz)	Detector	Receiver Reading	$A_T$	$A_{Factor}$	Max. Emission	Limit (dB $\mu$ V/m)	Verdict
		PK/ AV	$U_R$ (dB $\mu$ V)	(dB)	(dB@3m)	E (dB $\mu$ V/m)		
38	5116.98	PK	48.31	-19.54	32.20	60.97	74	PASS
38	5148.72	AV	38.29	-19.54	32.20	50.95	54	PASS
62	5355.81	PK	47.72	-18.80	32.20	61.12	74	PASS
62	5350.41	AV	37.53	-18.80	32.20	50.93	54	PASS
102	5468.18	PK	48.03	-19.20	32.20	61.03	68.23	PASS
102	5470.00	AV	37.89	-19.20	32.20	50.89	54	PASS
142	5818.50	PK	47.65	-19.20	32.20	60.65	68.23	PASS
151	5725.00	PK	56.46	-19.01	32.20	69.65	122.23	PASS
159	5850.00	PK	44.09	-19.01	32.20	57.28	122.23	PASS



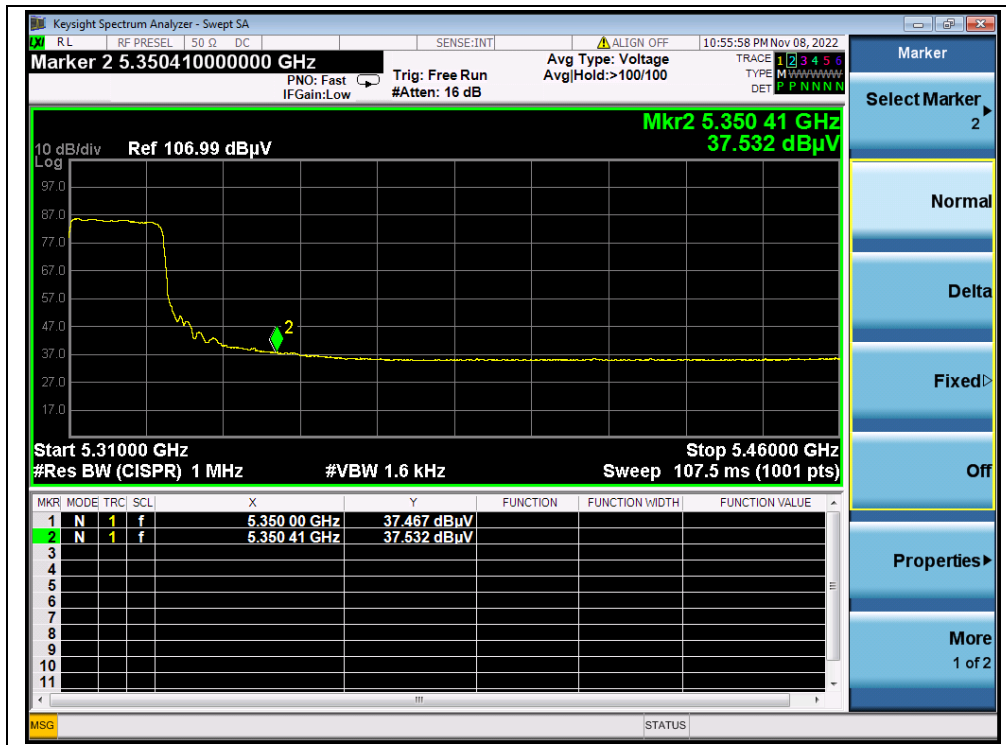
(PEAK, Channel 38, 802.11n (HT40))



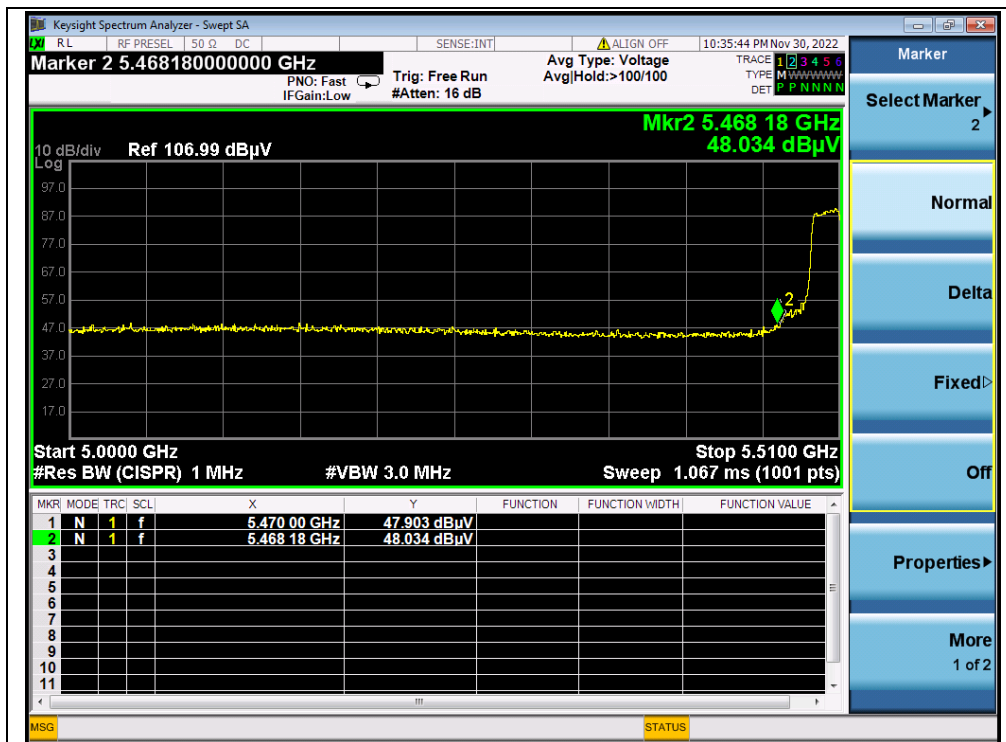
(AVERAGE, Channel 38, 802.11n (HT40))



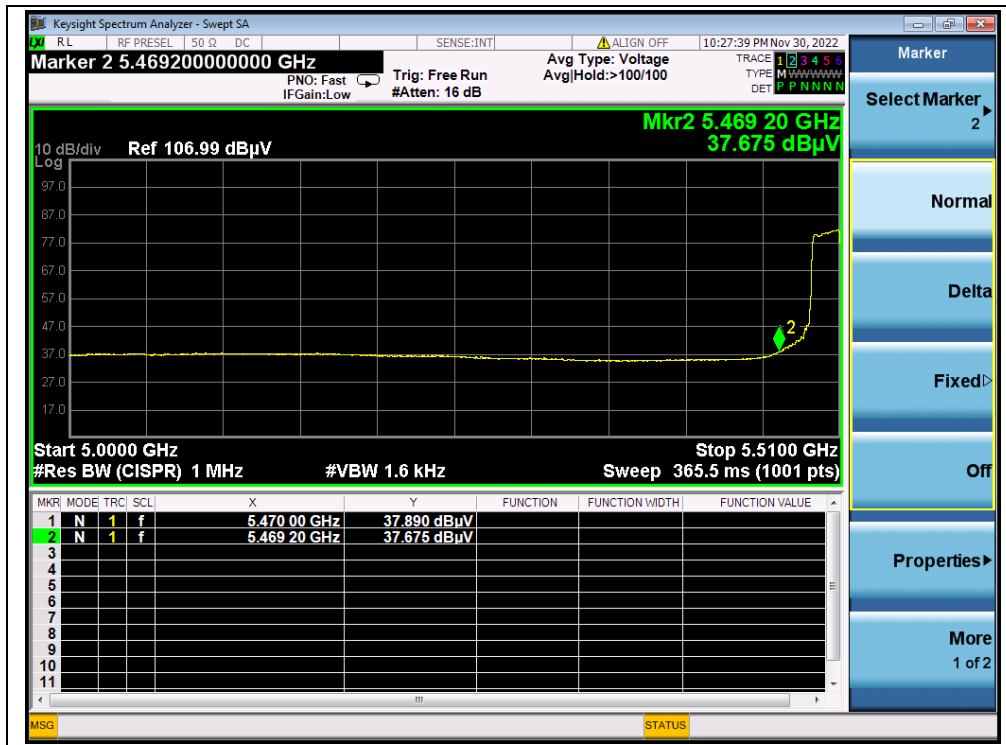
(PEAK, Channel 62, 802.11n (HT40))



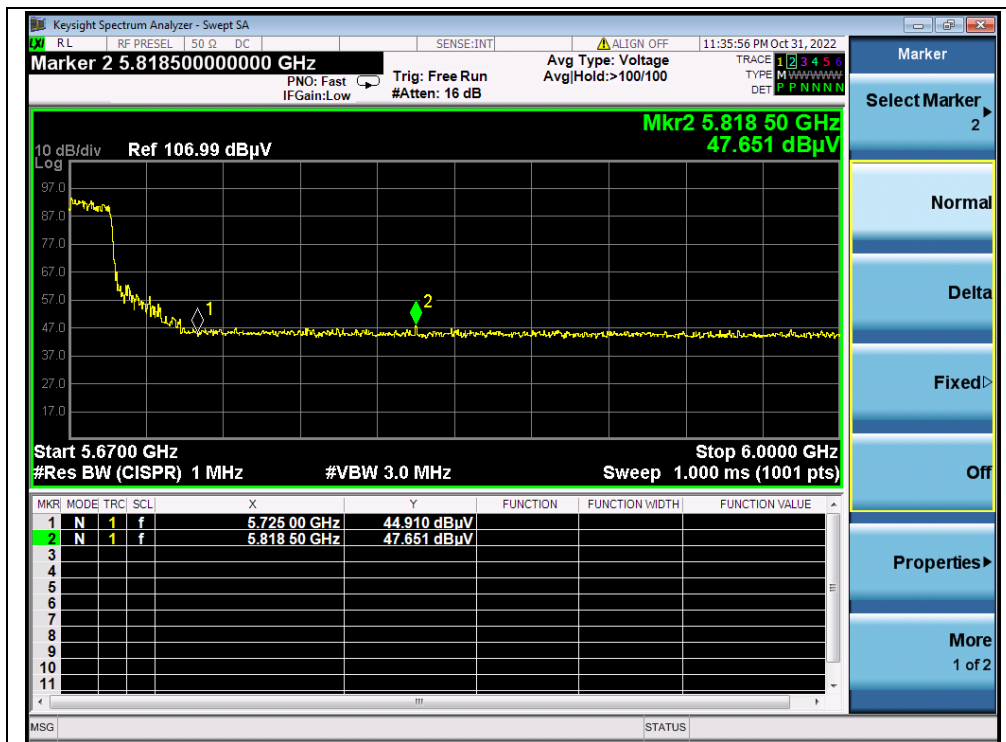
(AVERAGE, Channel 62, 802.11n (HT40))



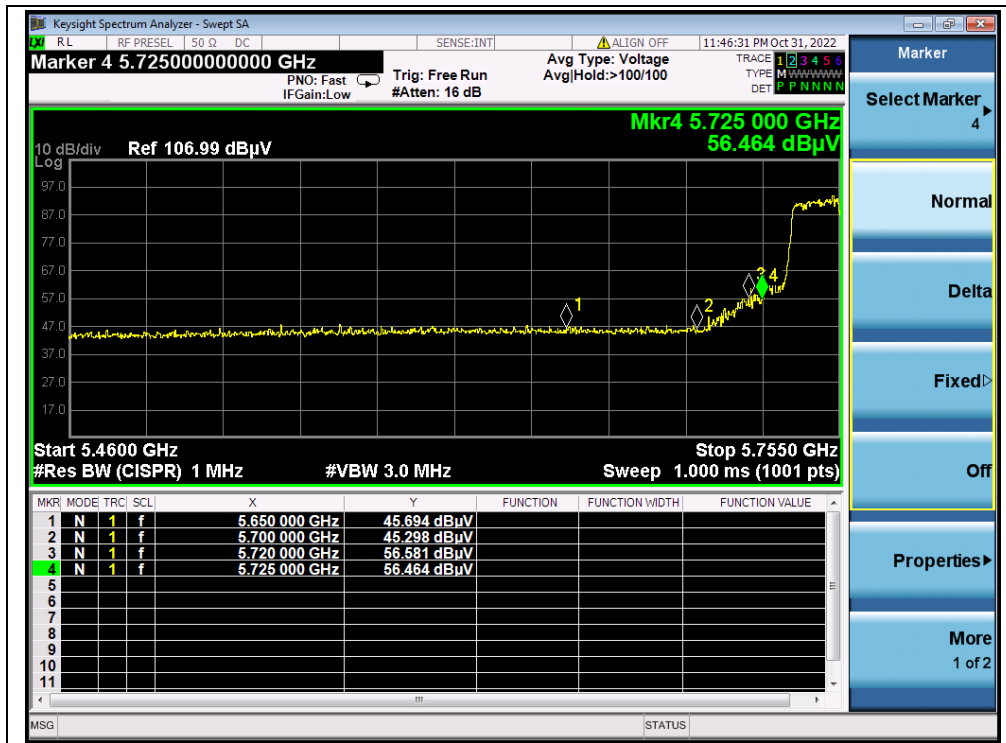
(PEAK, Channel 102, 802.11n (HT40))



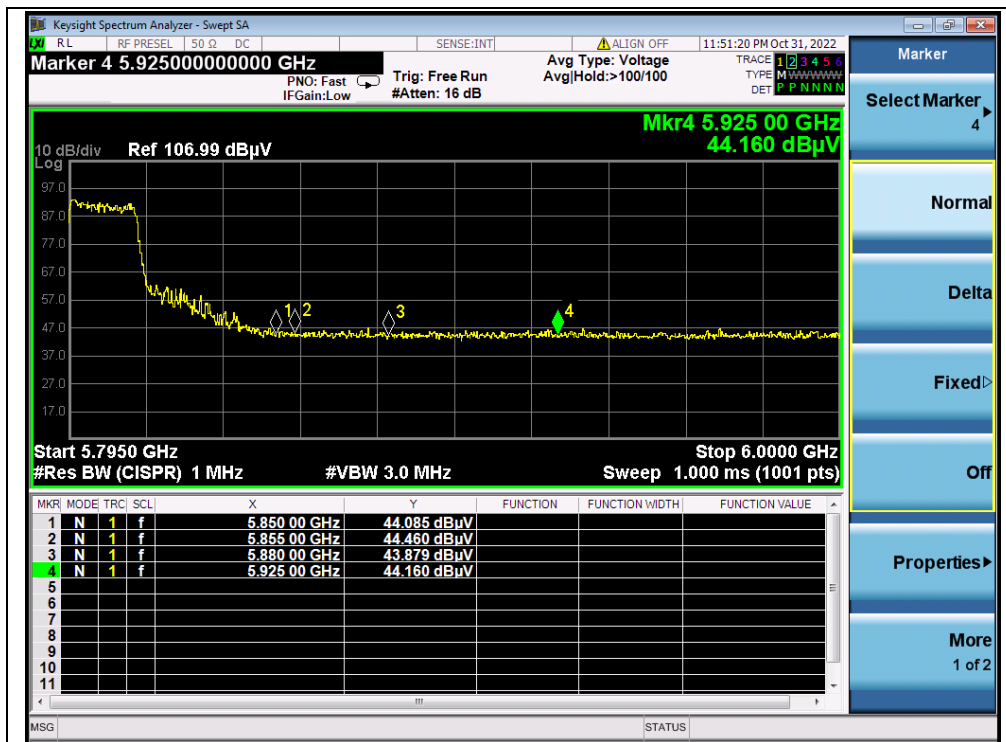
(AVERAGE, Channel 102, 802.11n (HT40))



(PEAK, Channel 142, 802.11n (HT40))



(PEAK, Channel 151, 802.11n (HT40))

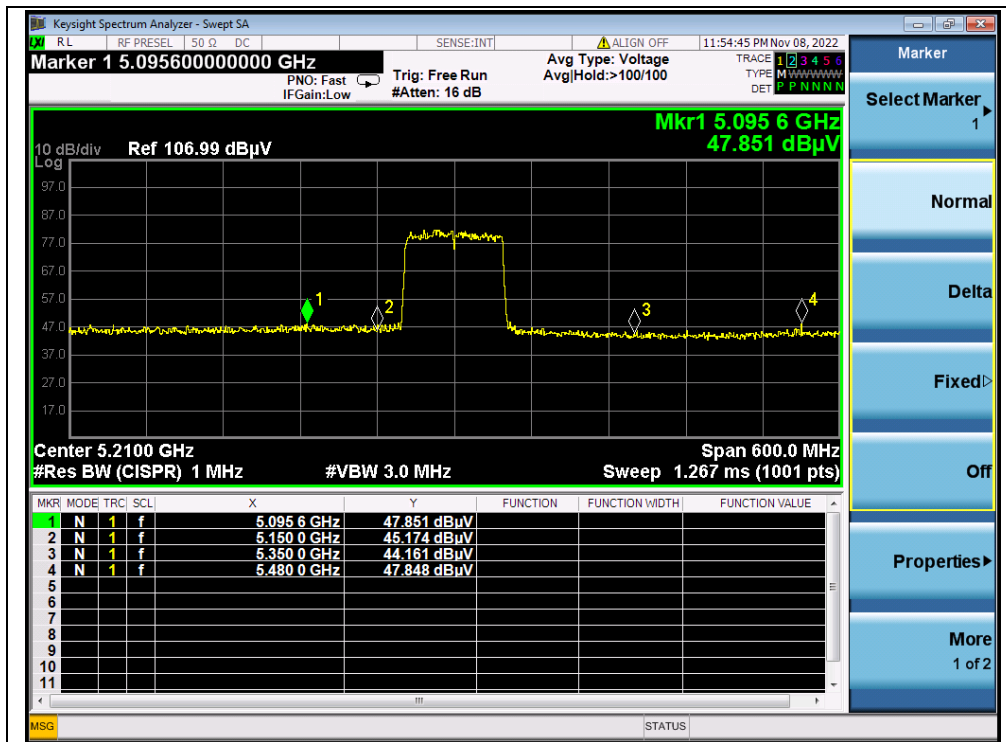


(PEAK, Channel 159, 802.11n (HT40))

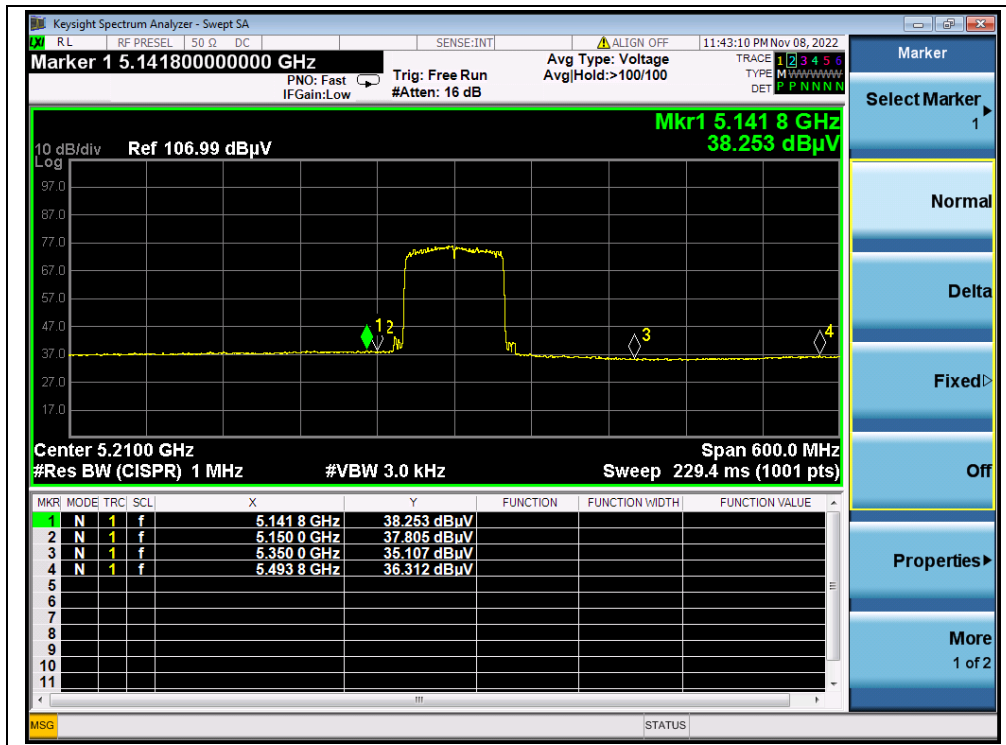


802.11ac (VHT80) Mode

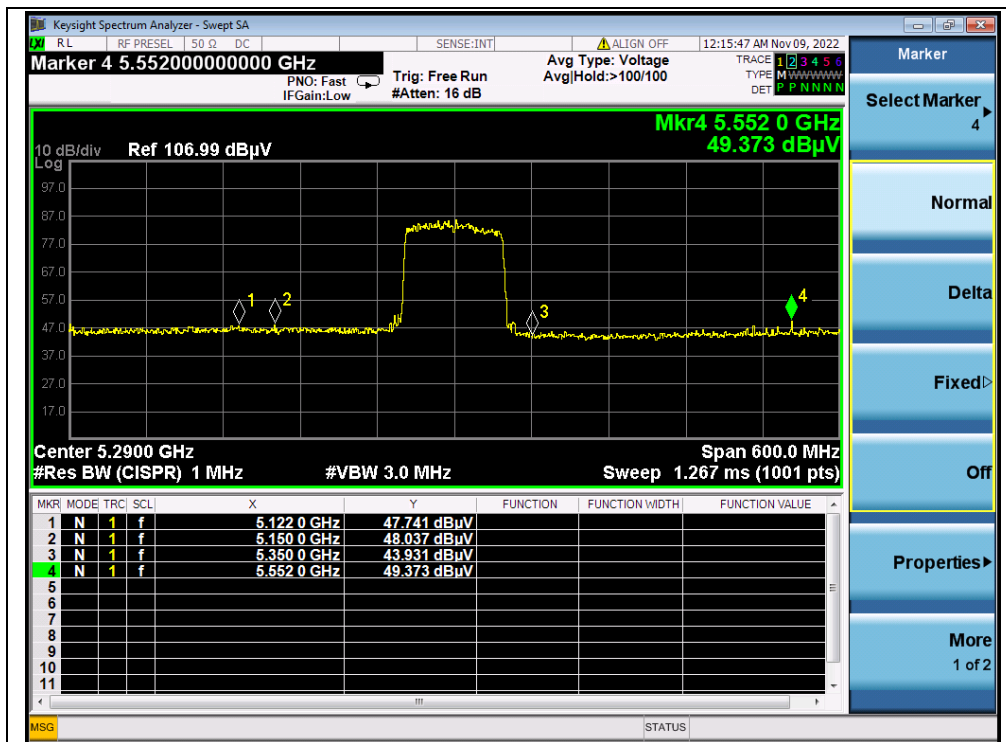
Channel	Frequency (MHz)	Detector	Receiver Reading U <sub>R</sub> (dBμV)	A <sub>T</sub> (dB)	A <sub>Factor</sub> (dB@3m)	Max. Emission E (dBμV/m)	Limit (dBμV/m)	Verdict
		PK/ AV						
42	5095.60	PK	47.85	-19.54	32.20	60.51	74	PASS
42	5141.80	AV	38.25	-19.54	32.20	50.91	54	PASS
58	5552.00	PK	49.37	-18.80	32.20	62.77	74	PASS
58	5150.00	AV	37.75	-18.80	32.20	51.15	54	PASS
106	5037.64	PK	46.76	-19.20	32.20	59.76	74	PASS
106	5084.28	AV	37.66	-19.20	32.20	50.66	54	PASS
138	5837.68	PK	46.93	-19.20	32.20	59.93	68.23	PASS
155	5725.00	PK	55.96	-19.01	32.20	69.15	122.23	PASS
155	5850.00	PK	47.60	-19.01	32.20	60.79	122.23	PASS



(PEAK, Channel 42, 802.11ac (VHT80))

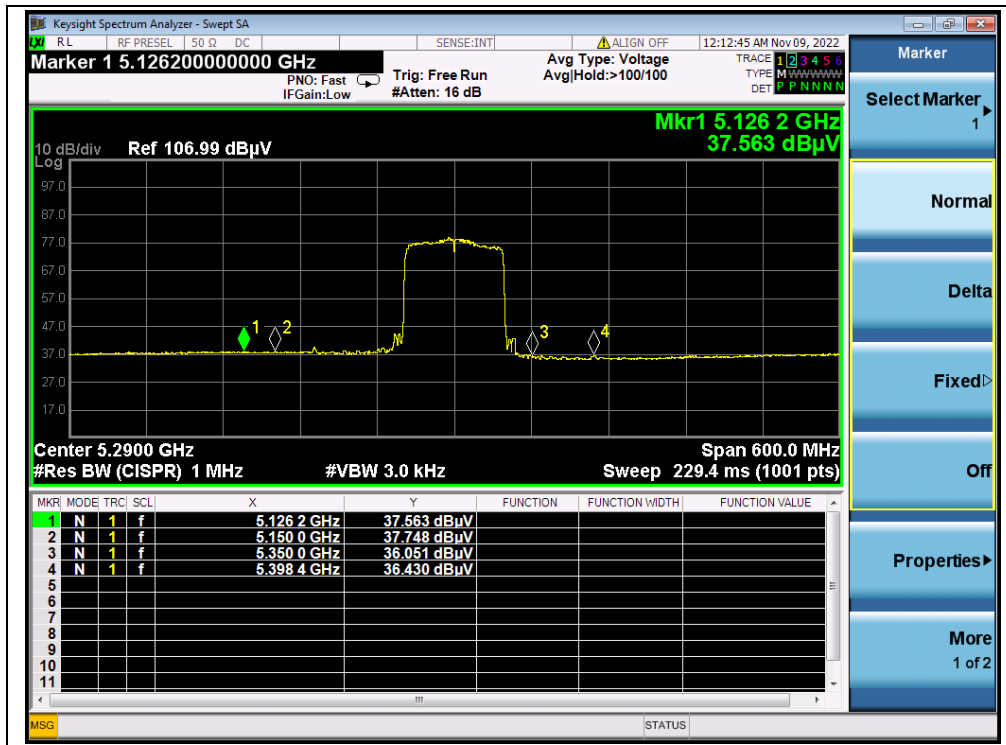


(AVERAGE, Channel 42, 802.11ac (VHT80))

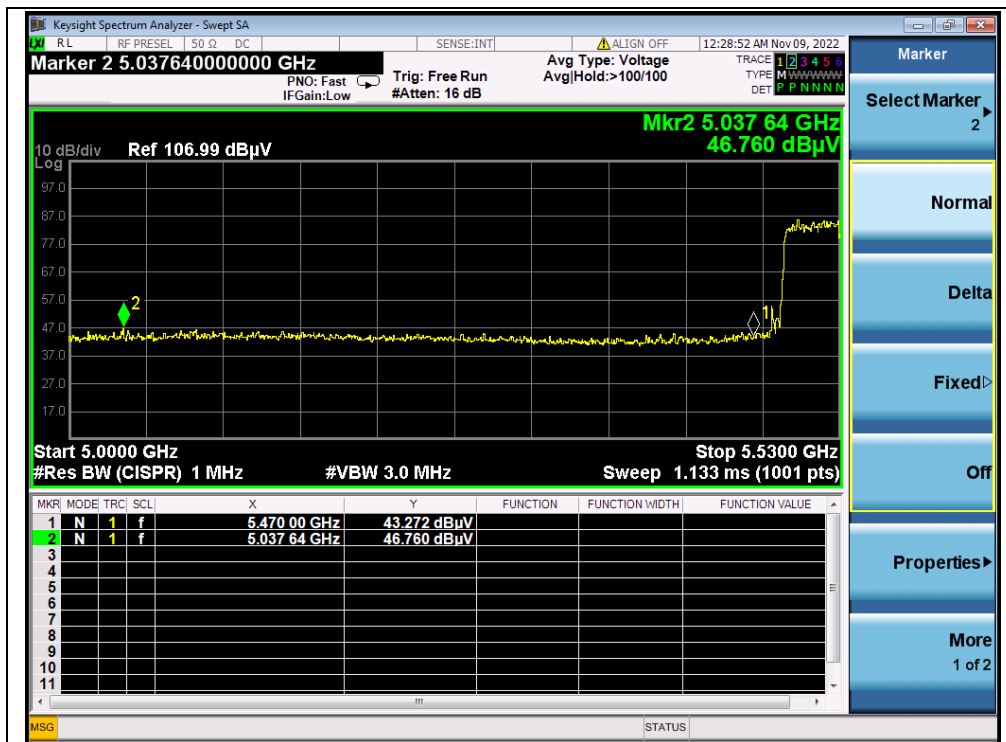


(PEAK, Channel 58, 802.11ac (VHT80))

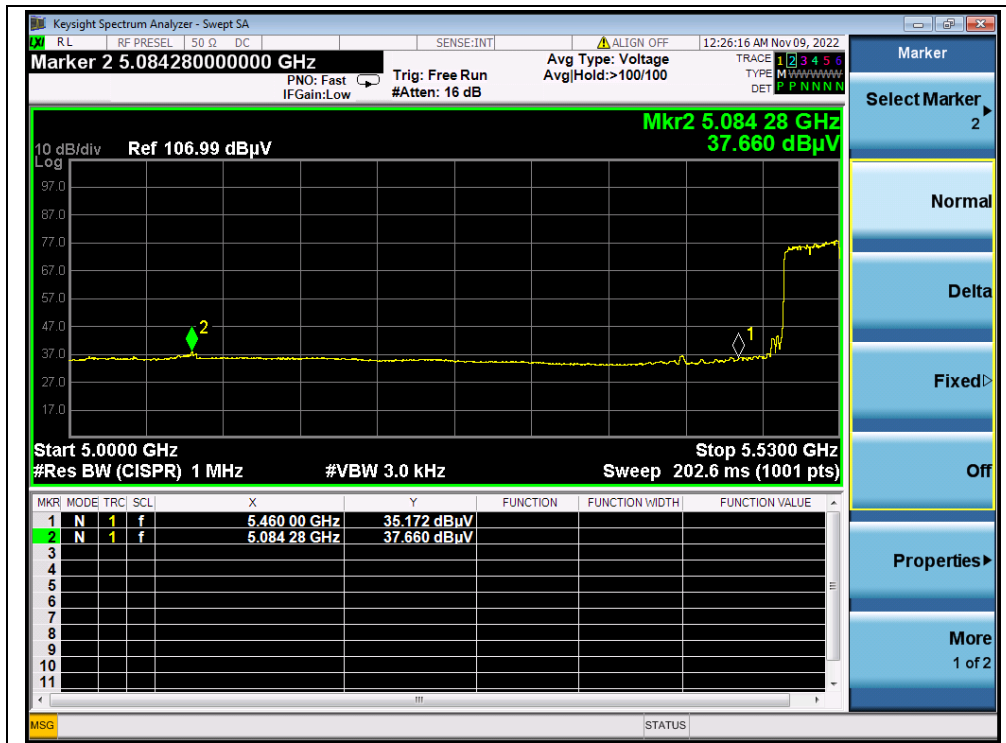




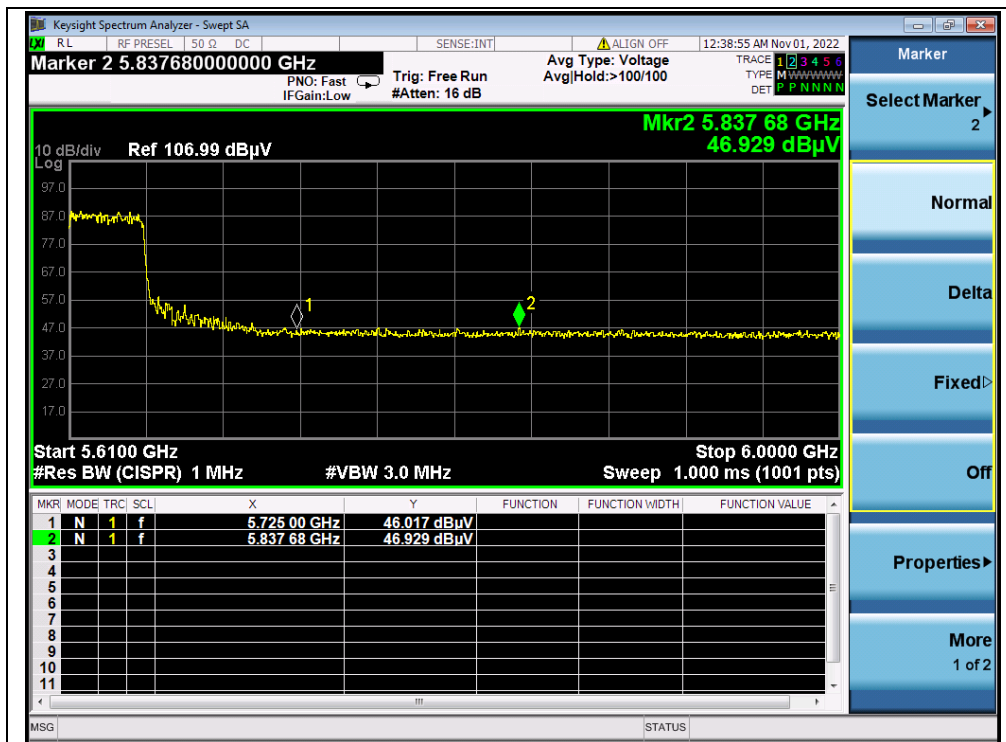
(AVERAGE, Channel 58, 802.11ac (VHT80))



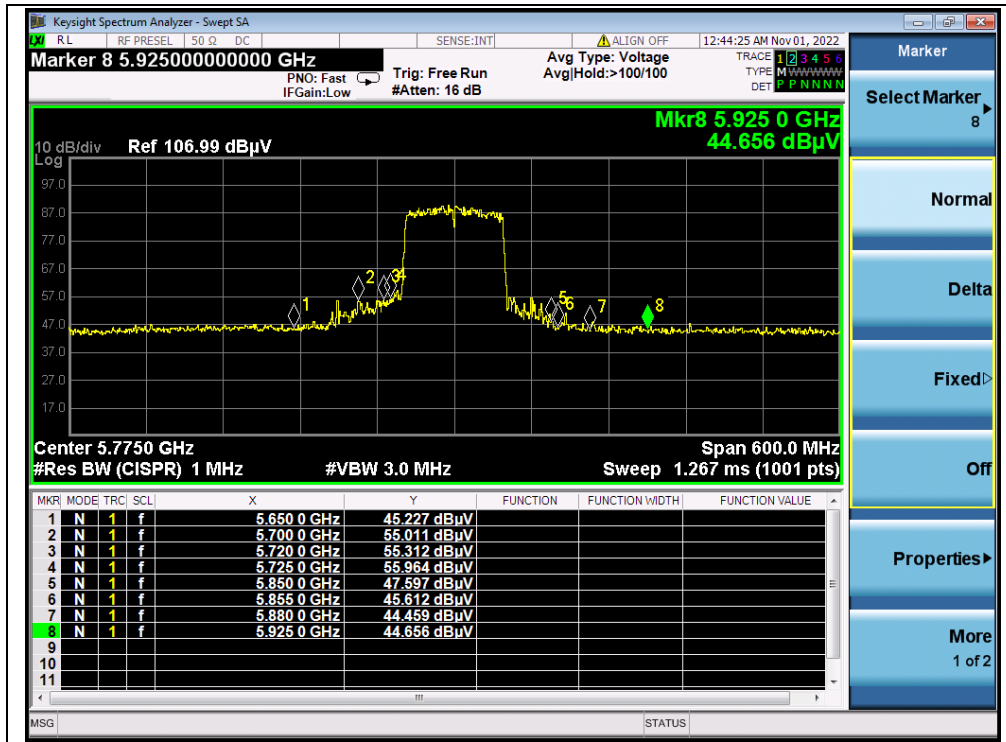
(PEAK, Channel 106, 802.11ac (VHT80))



(AVERAGE, Channel 106, 802.11ac (VHT80))



(PEAK, Channel 138, 802.11ac (VHT80))



(PEAK, Channel 155, 802.11ac (VHT80))



### A.9. Radiated Emission

According to ANSI C63.10, because of peak detection will yield amplitudes equal to or greater than amplitudes measured with the quasi-peak (or average) detector, the measurement data from a spectrum analyzer peak detector will represent the worst-case results, if the peak measured value complies with the quasi-peak (or average) limit, it is unnecessary to perform an quasi-peak measurement (or average).

The measurement results are obtained as below:

$$E \text{ [dB}\mu\text{V/m]} = U_R + A_T + A_{\text{Factor}} \text{ [dB]}; A_T = L_{\text{Cable loss}} \text{ [dB]} - G_{\text{preamp}} \text{ [dB]}$$

$A_T$ : Total correction Factor except Antenna

$U_R$ : Receiver Reading

$G_{\text{preamp}}$ : Preamplifier Gain

$A_{\text{Factor}}$ : Antenna Factor at 3m

During the test, the total correction Factor  $A_T$  and  $A_{\text{Factor}}$  were built in test software.

**Note1:** All radiated emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

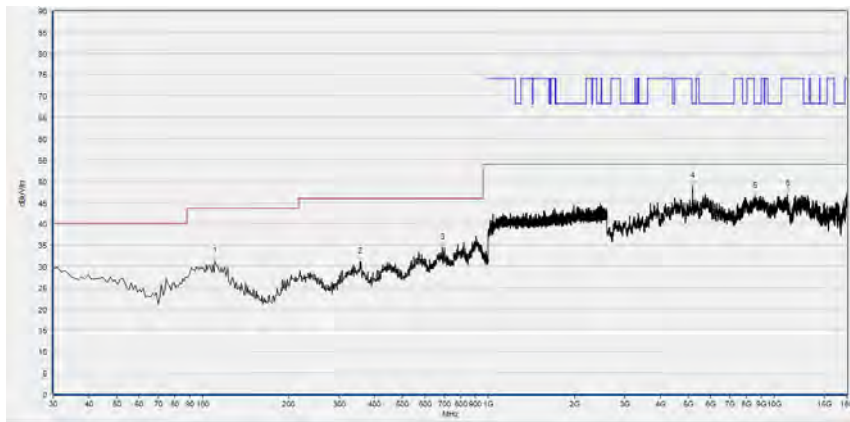
**Note2:** For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

**Note3:** For the frequency, which started from 18GHz to 10th harmonic of the highest frequency, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

**Note 4:** All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

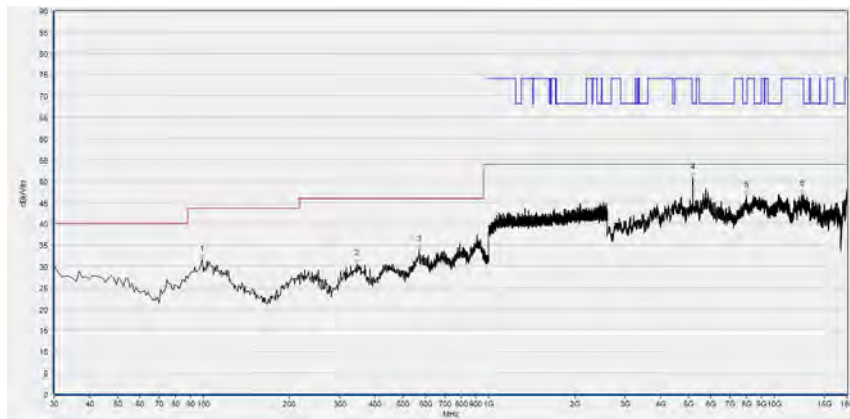
**802.11a Mode**

**Plot for Channel 36**



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
110.591	31.14	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
356.246	30.96	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
689.289	34.35	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5181.556	48.74	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8567.153	46.36	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11127.145	47.00	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

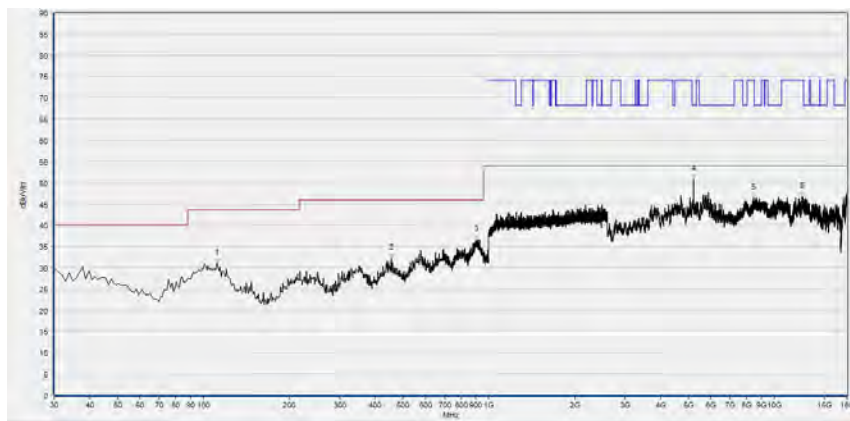
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
98.939	31.57	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
344.595	30.45	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
569.860	33.78	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5184.637	50.72	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
7981.836	46.54	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12507.261	46.96	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

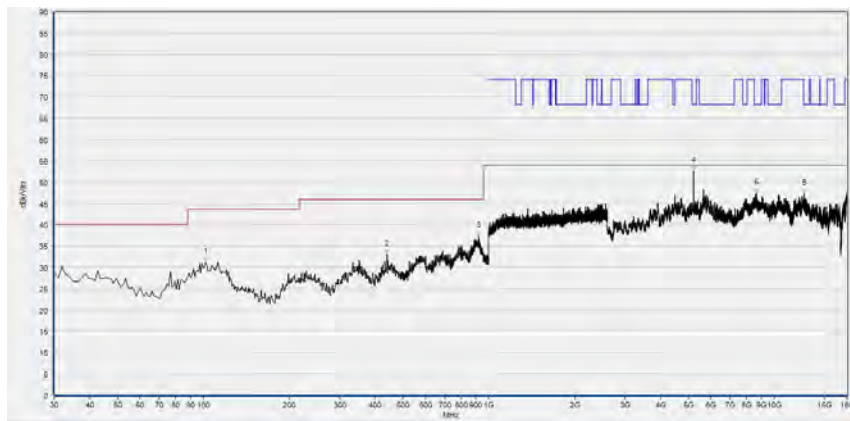
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 44



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
111.562	30.98	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
454.314	32.19	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
904.845	36.50	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5215.443	50.77	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8468.574	46.39	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12538.068	46.78	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

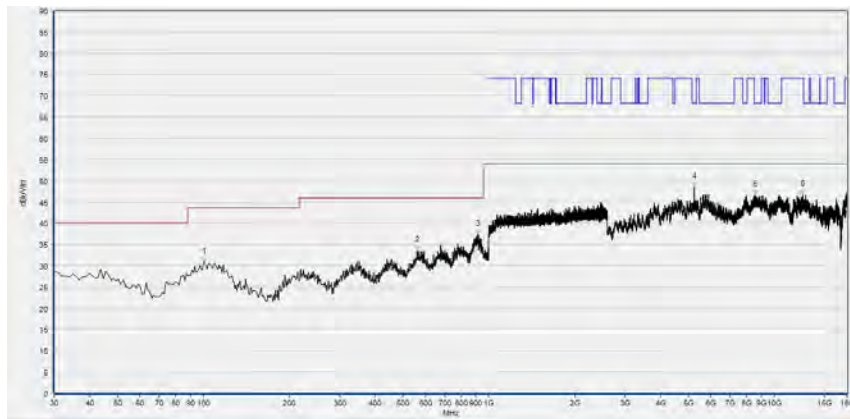
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.852	31.17	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
439.750	32.97	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
922.322	37.34	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5218.524	52.63	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8678.056	47.40	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12738.308	47.24	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

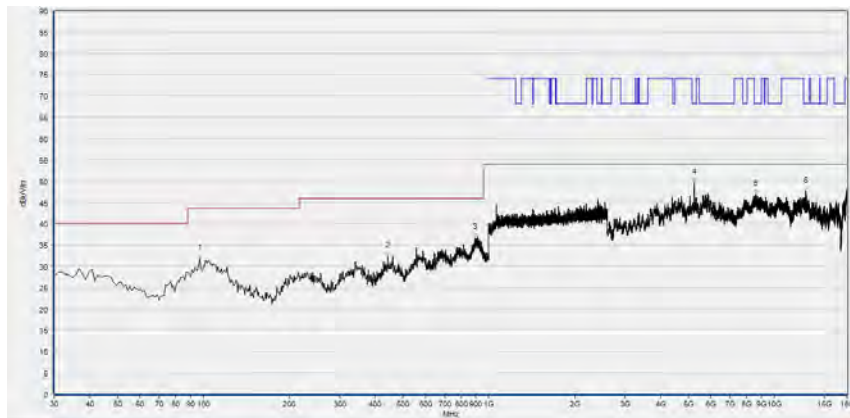
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 48



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
100.881	30.85	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
561.121	33.47	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
912.613	37.40	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5237.007	48.45	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8573.315	46.51	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12612.002	46.77	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

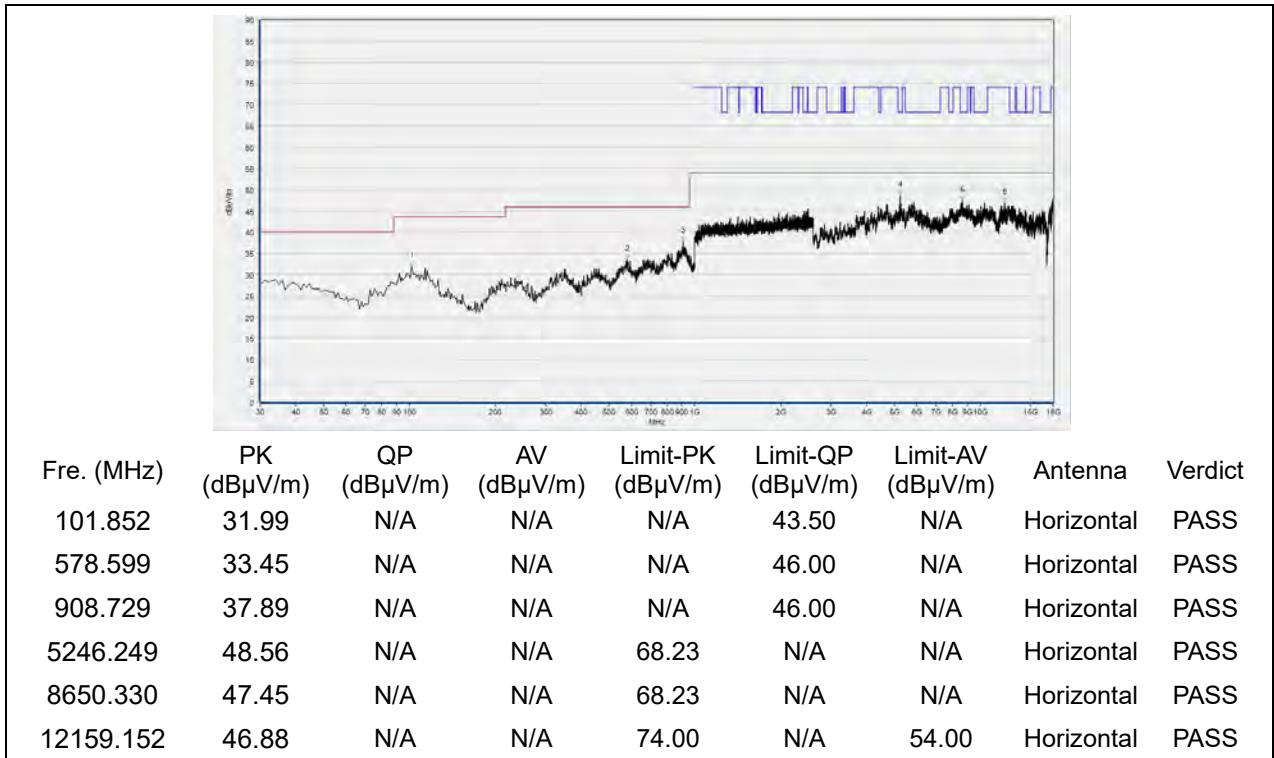
(Antenna Horizontal, 30MHz to 18GHz)



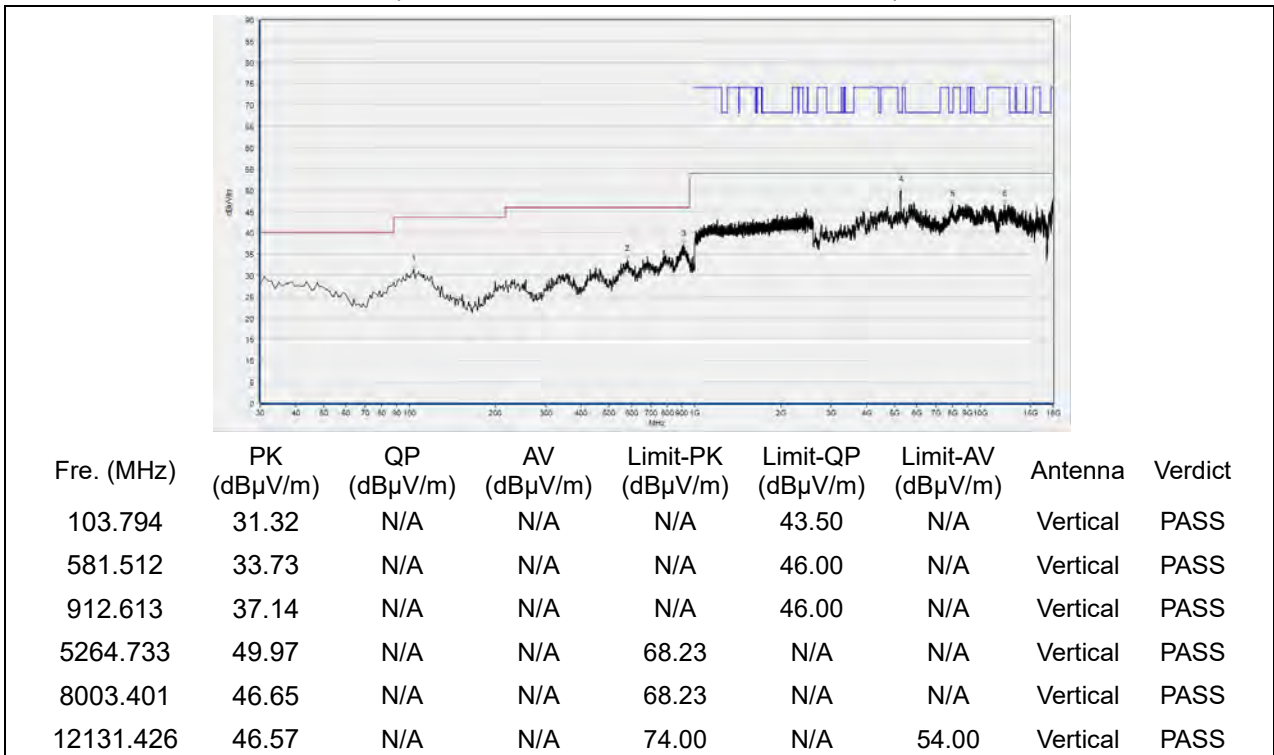
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
96.997	31.86	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
442.663	32.33	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
895.135	36.66	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5237.007	49.59	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8585.637	46.90	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12880.016	47.63	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 52



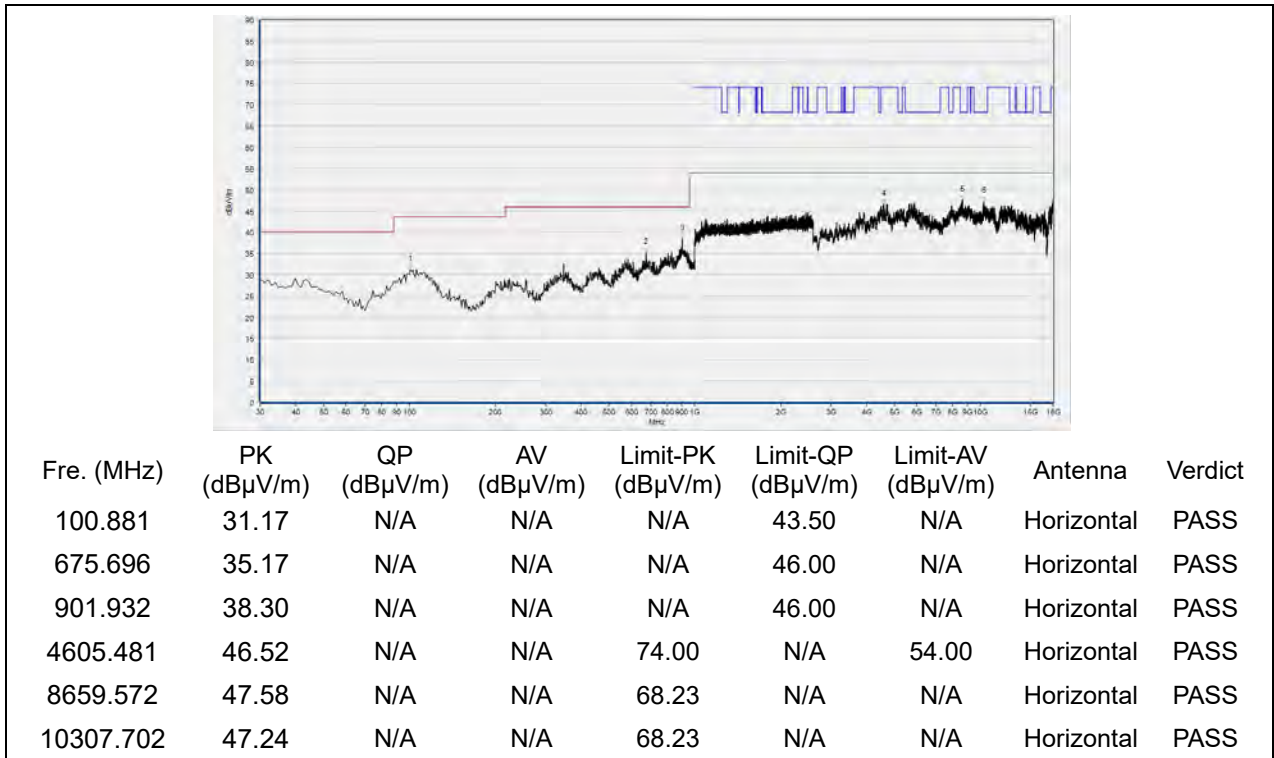
(Antenna Horizontal, 30MHz to 18GHz)



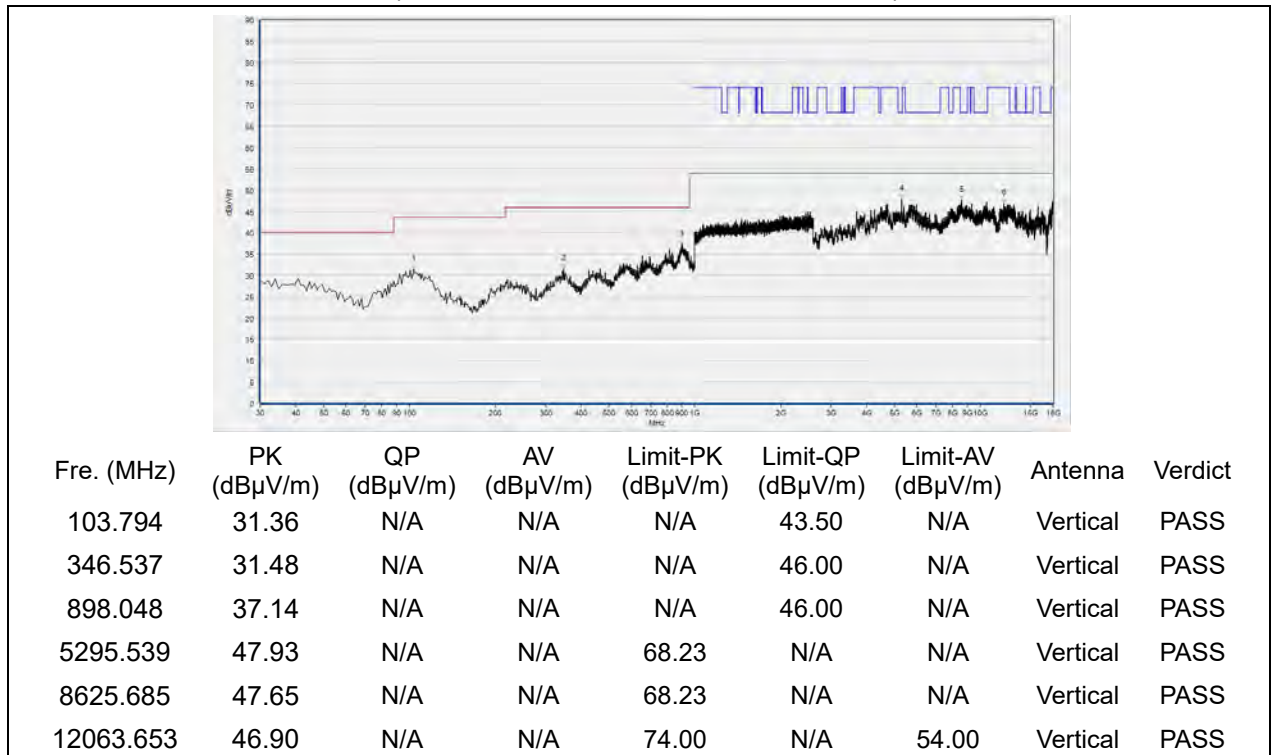
(Antenna Vertical, 30MHz to 18GHz)



Plot for Channel 60

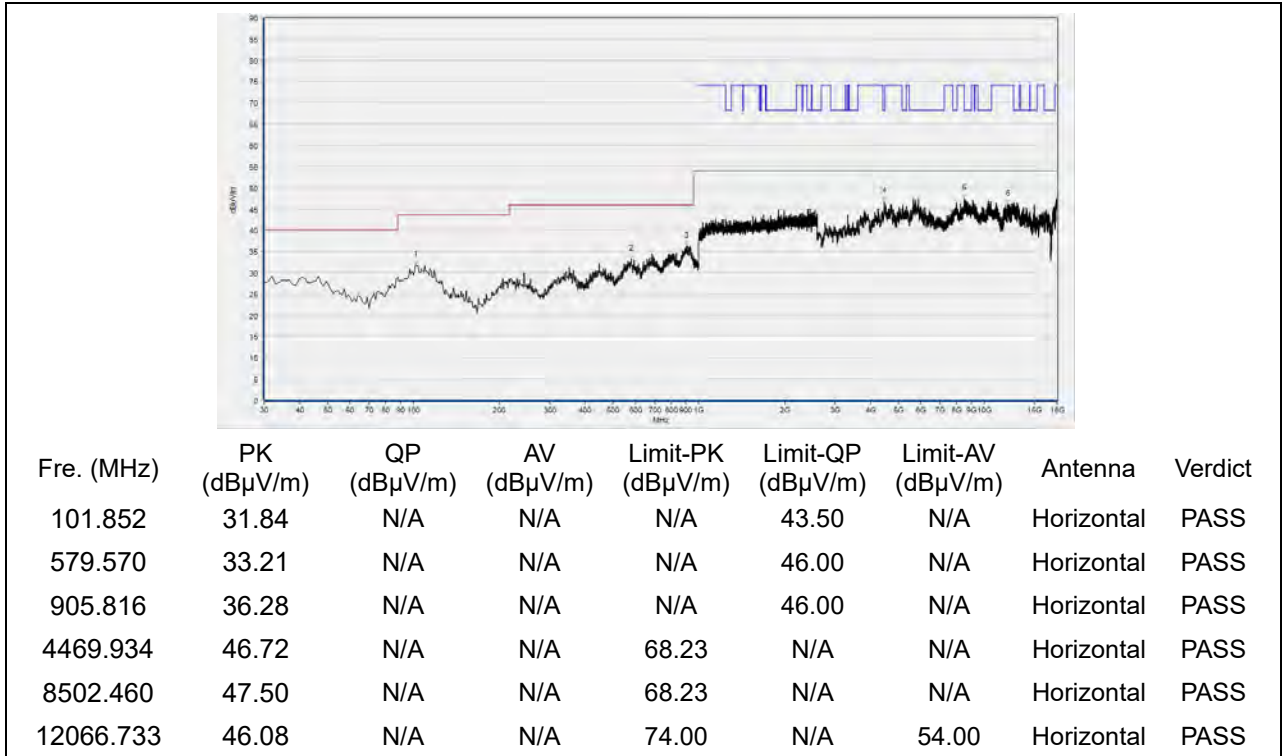


(Antenna Horizontal, 30MHz to 18GHz)

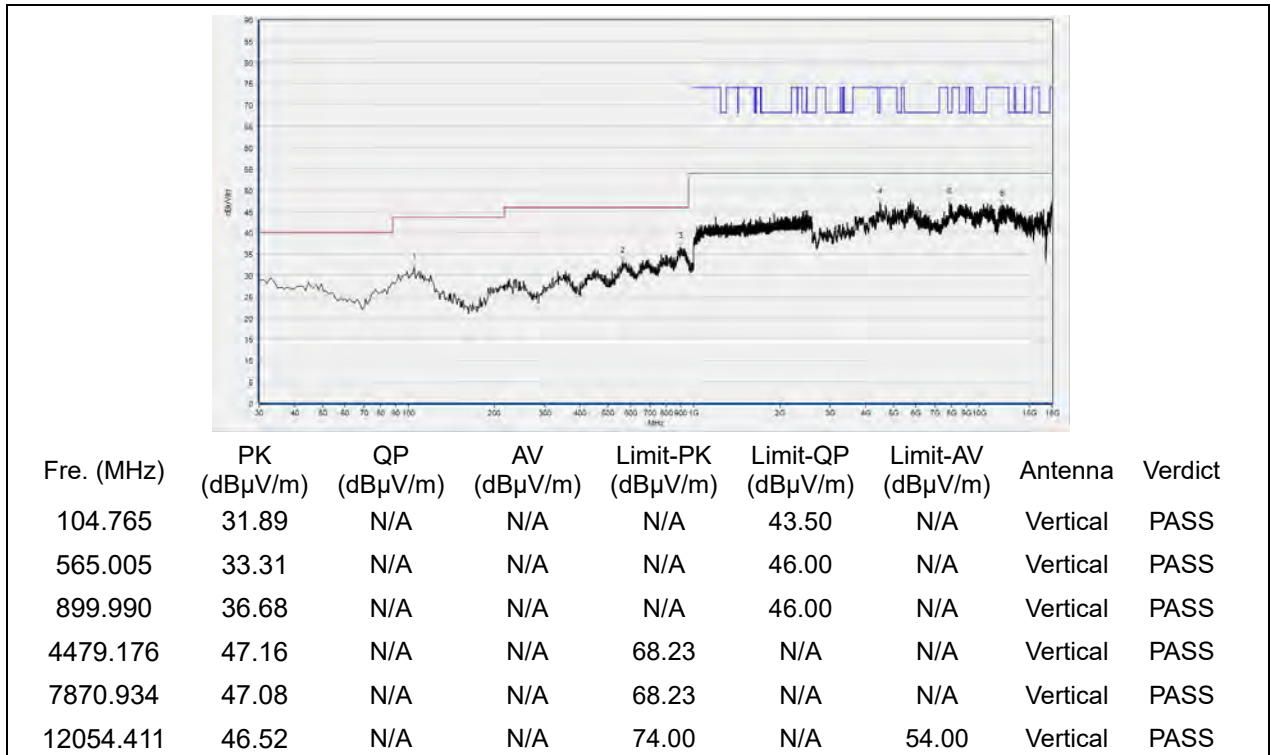


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 64

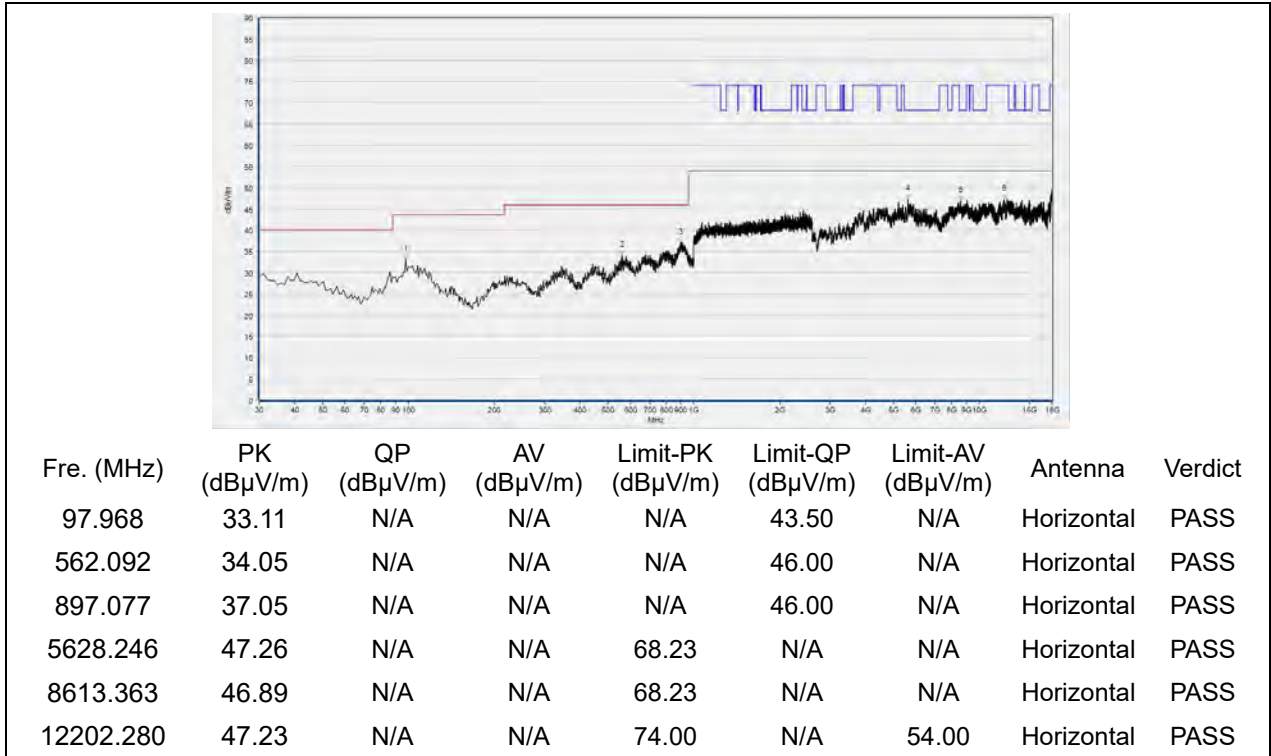


(Antenna Horizontal, 30MHz to 18GHz)

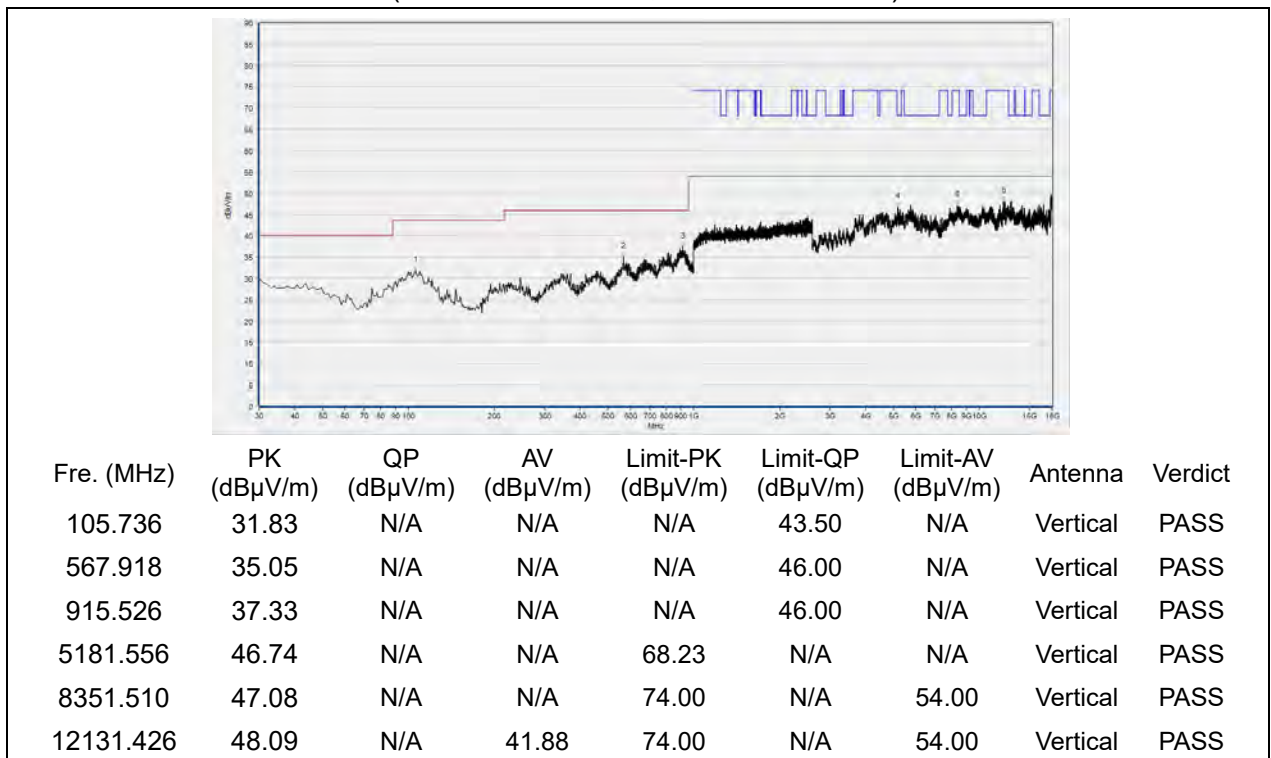


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 100

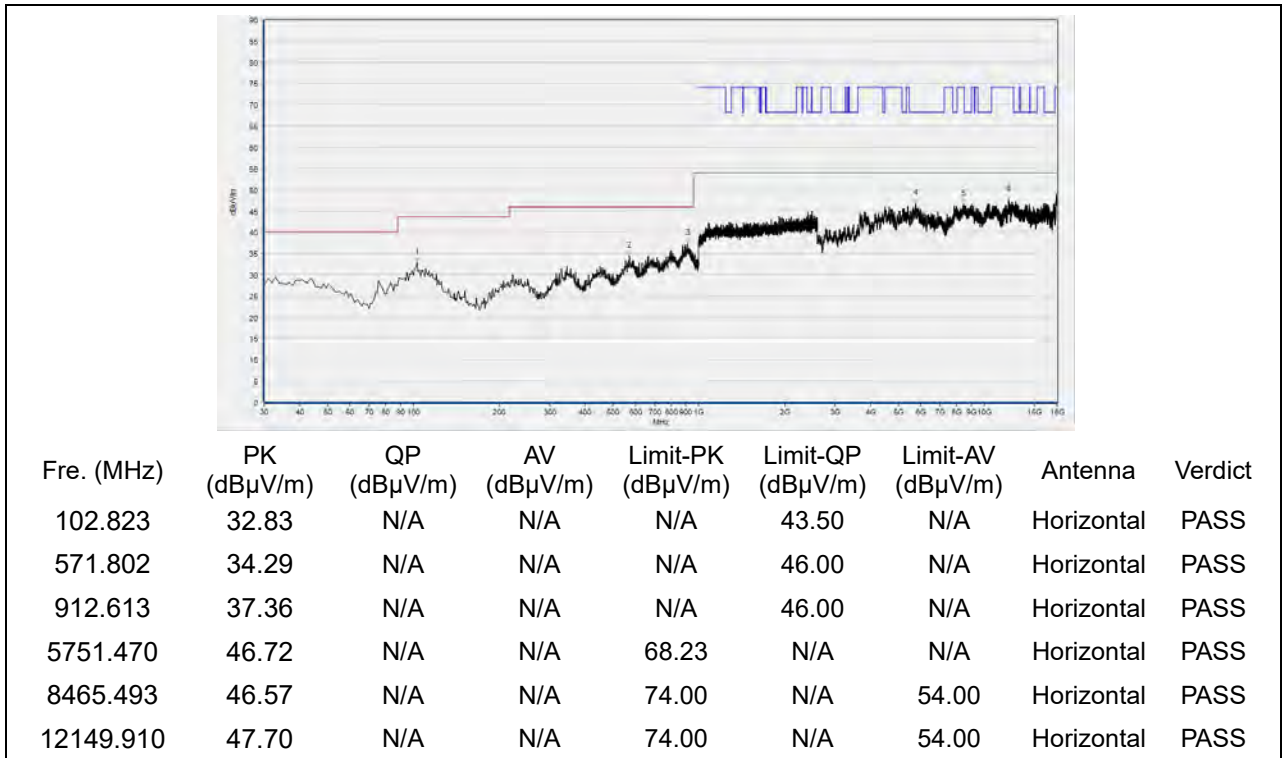


(Antenna Horizontal, 30MHz to 18GHz)

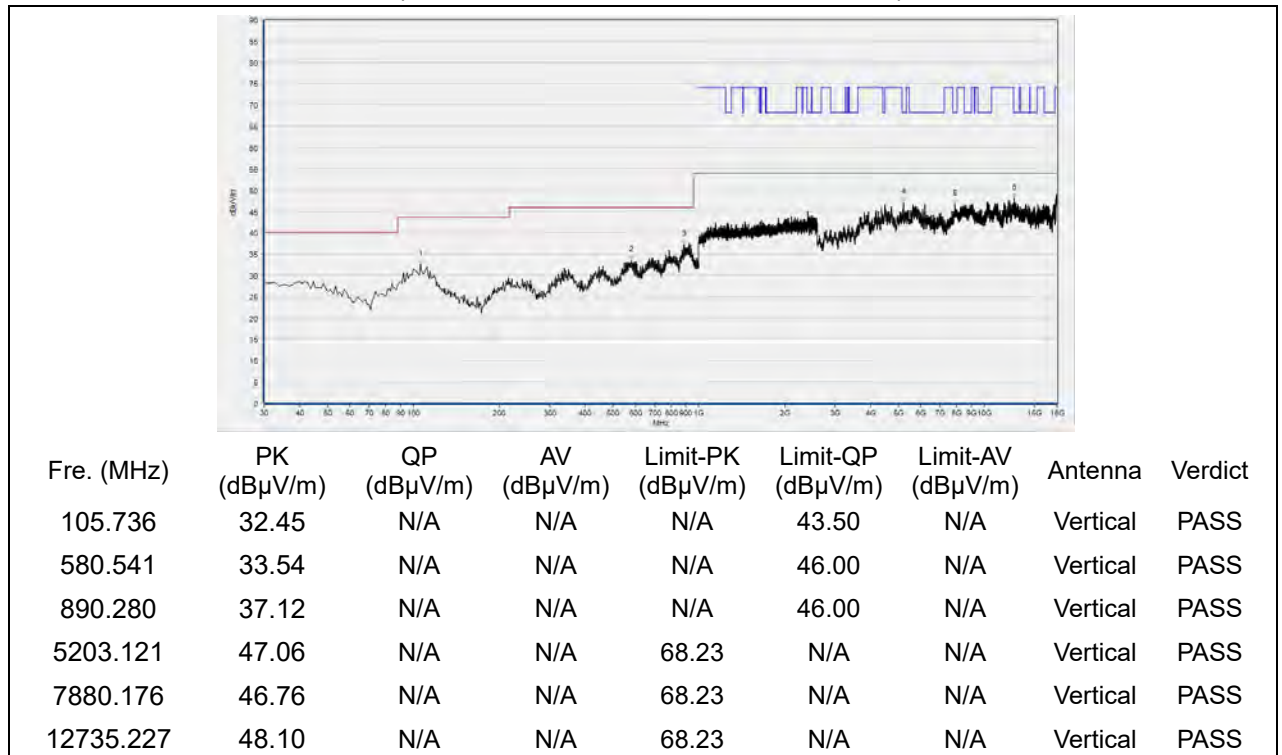


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 120

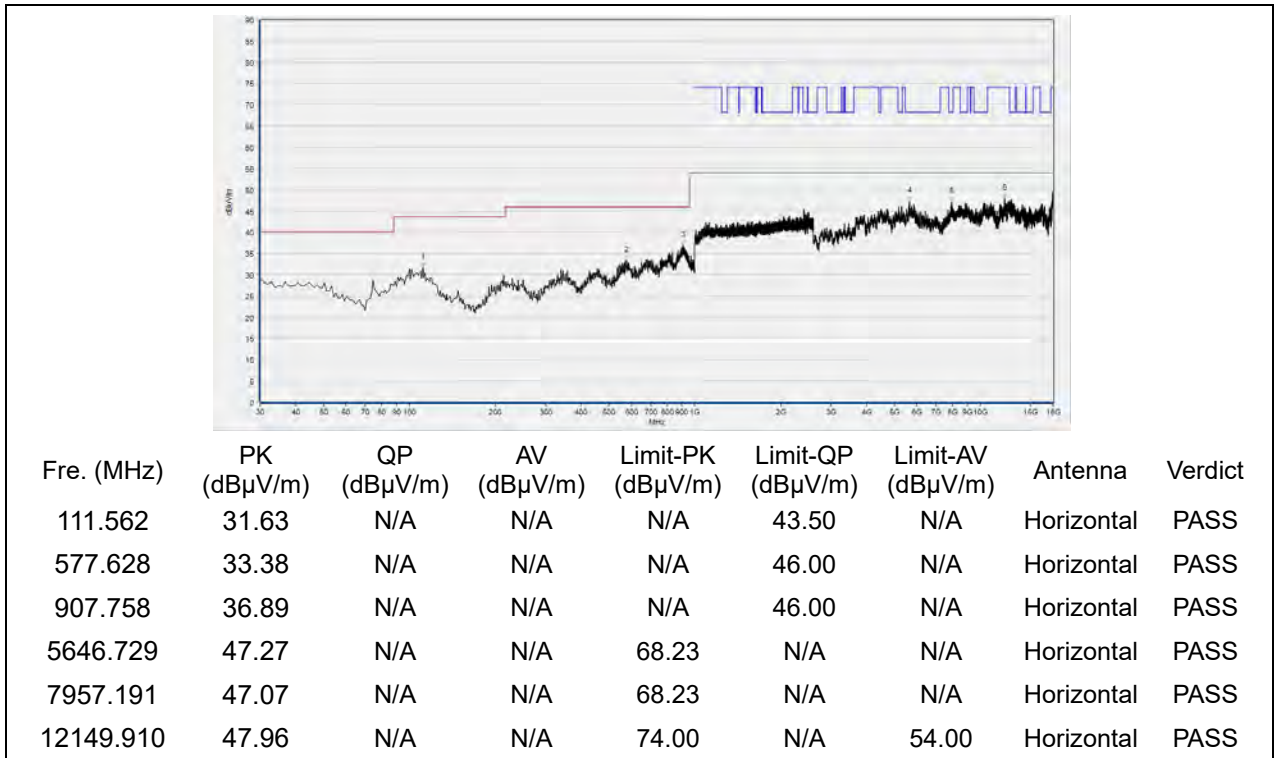


(Antenna Horizontal, 30MHz to 18GHz)

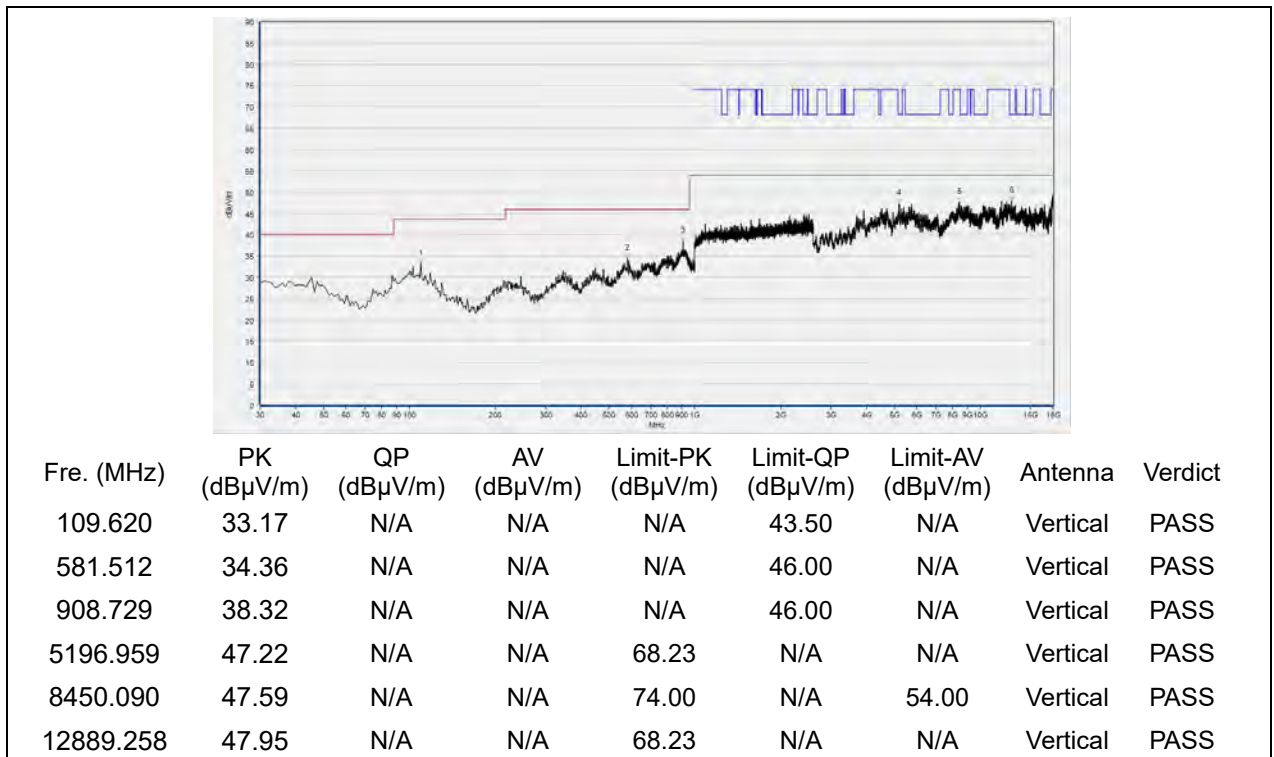


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 144

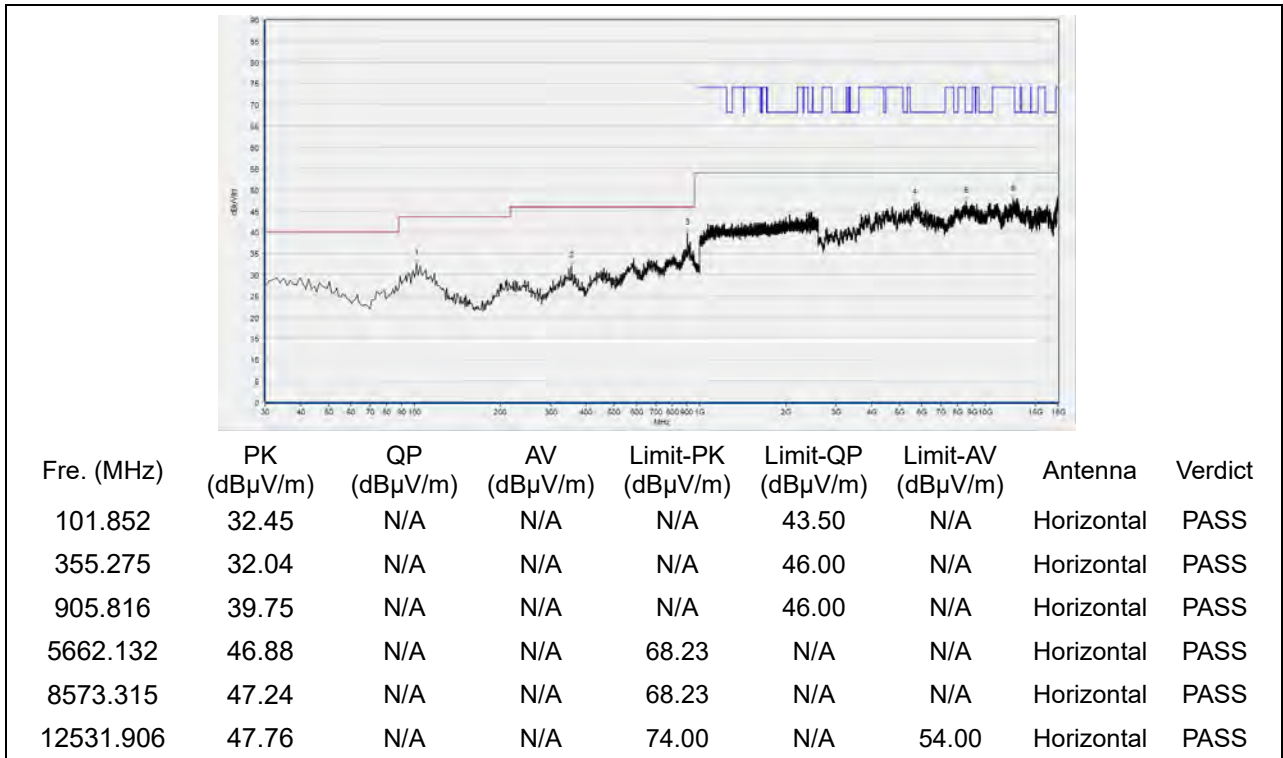


(Antenna Horizontal, 30MHz to 18GHz)

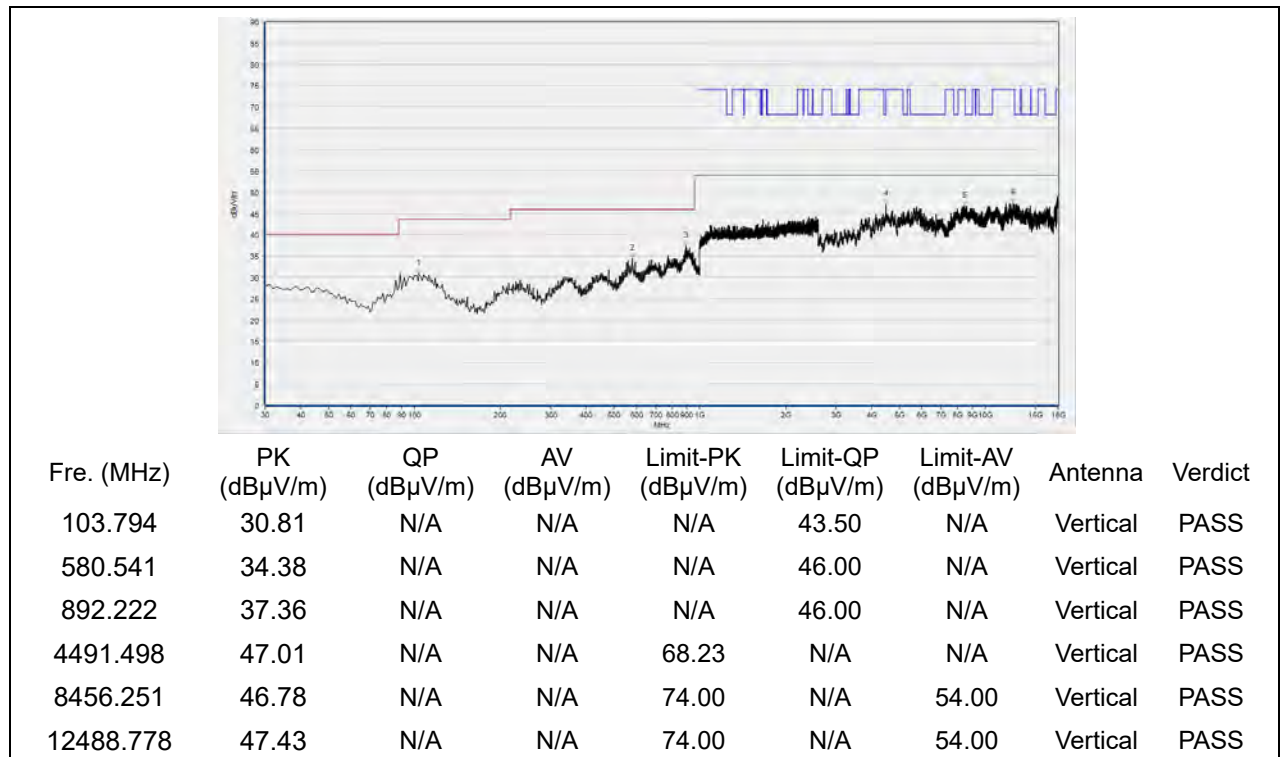


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 149

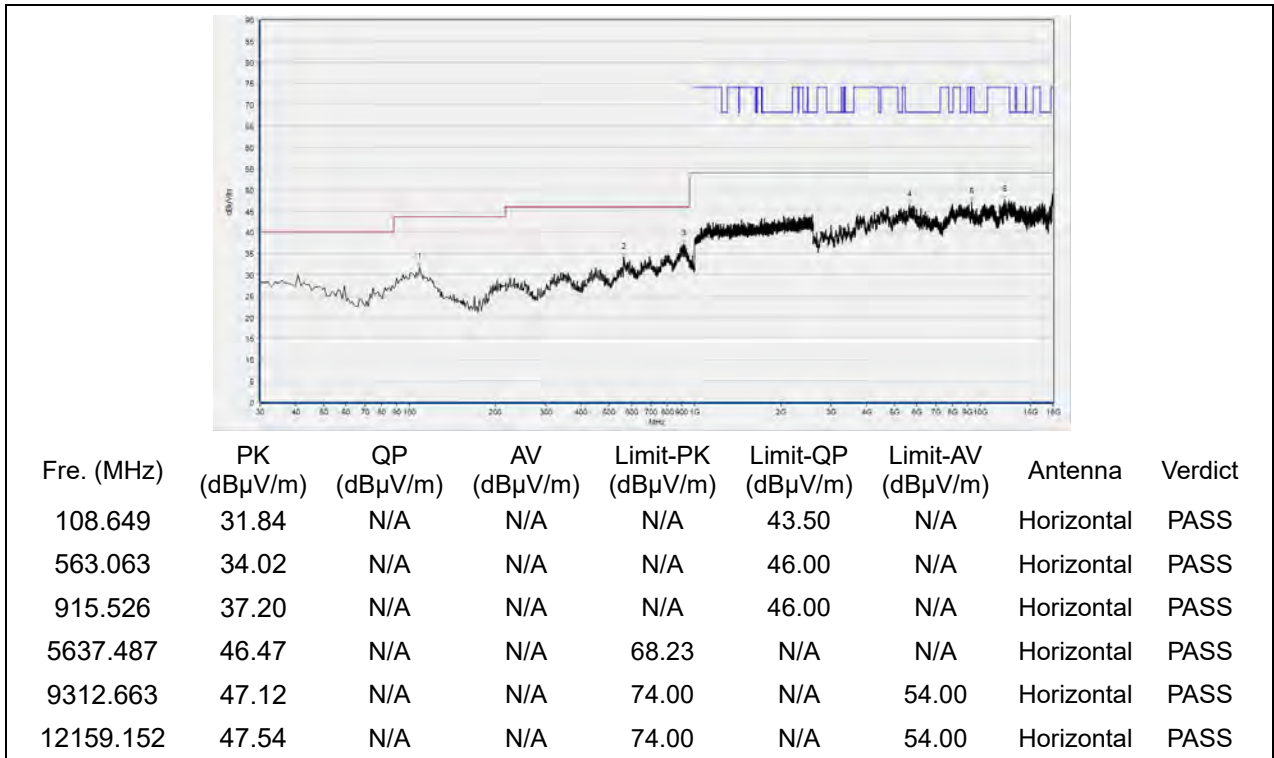


(Antenna Horizontal, 30MHz to 18GHz)

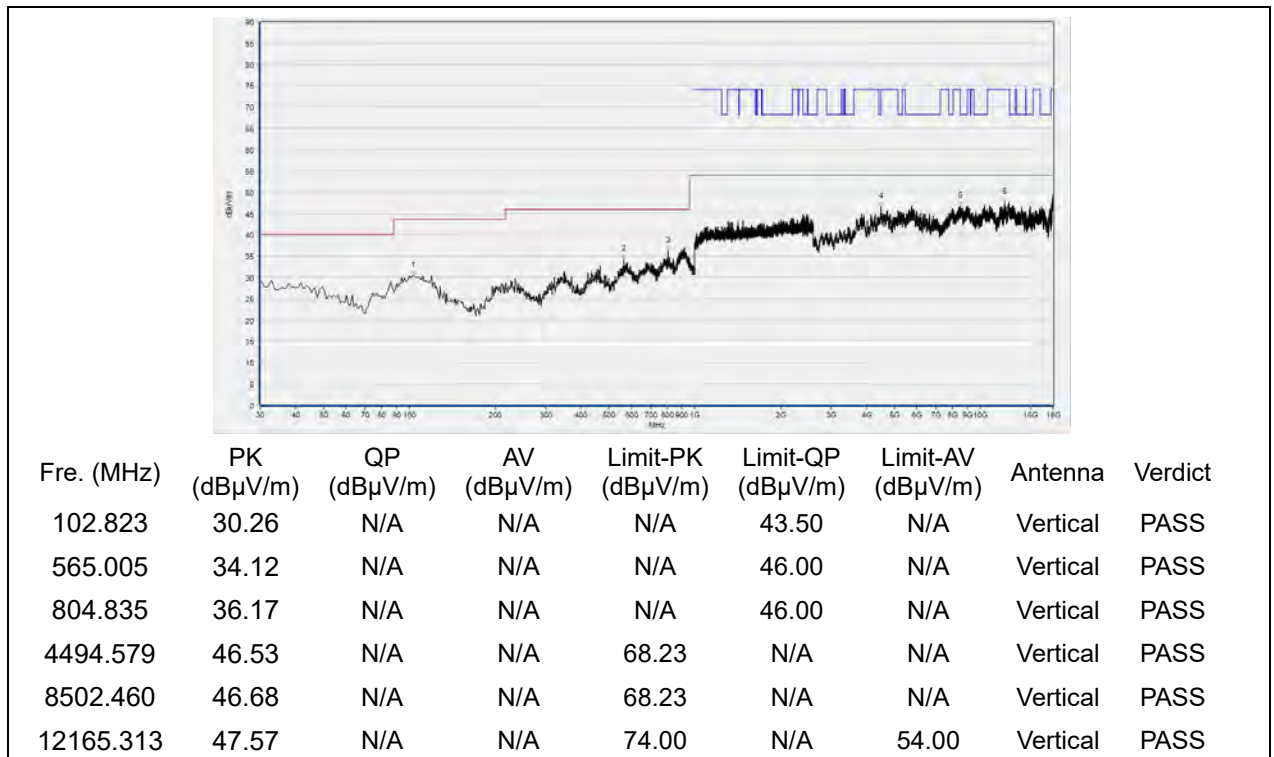


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 157

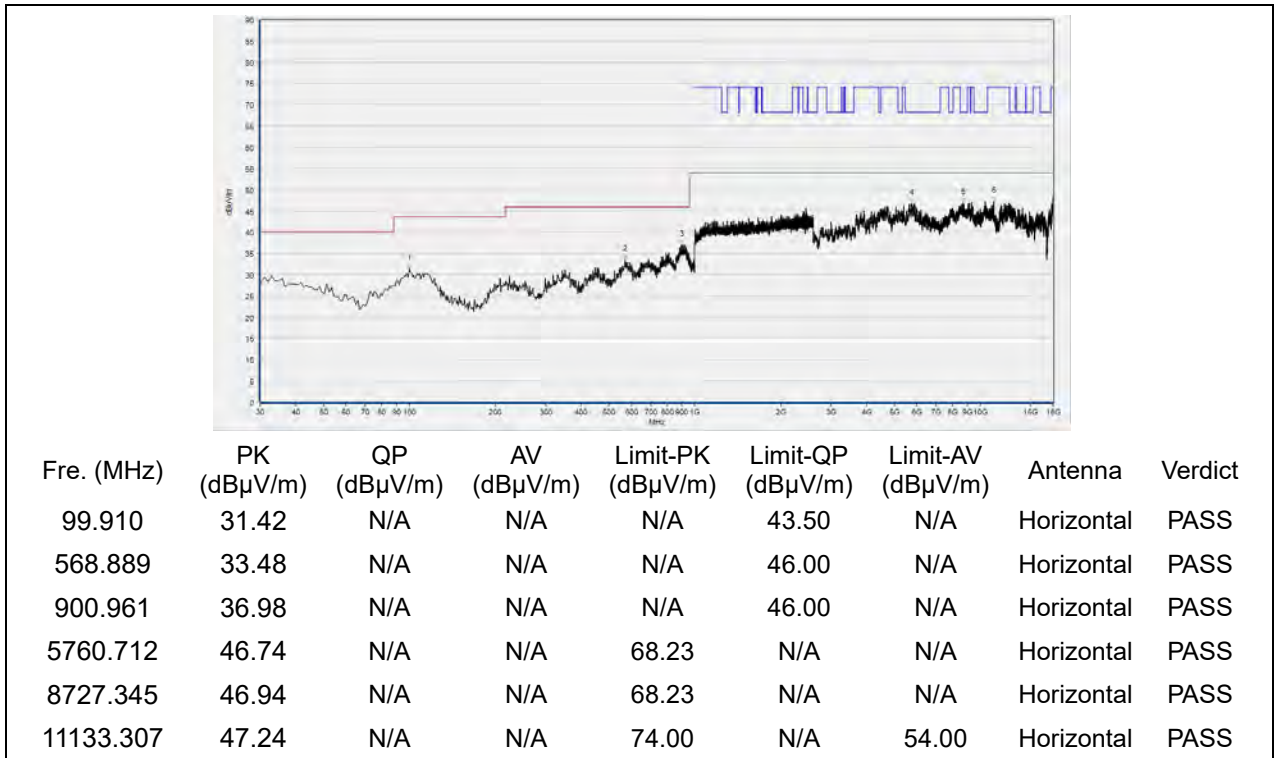


(Antenna Horizontal, 30MHz to 18GHz)

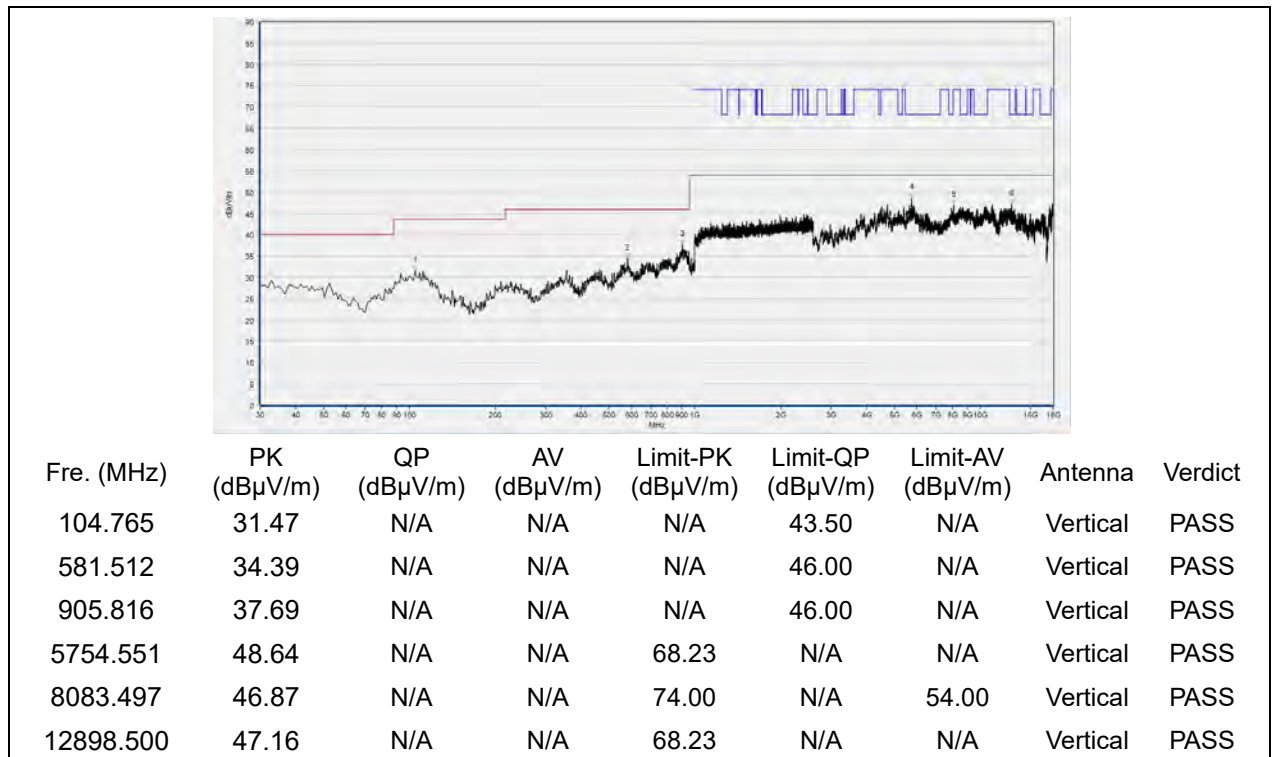


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 165



(Antenna Horizontal, 30MHz to 18GHz)

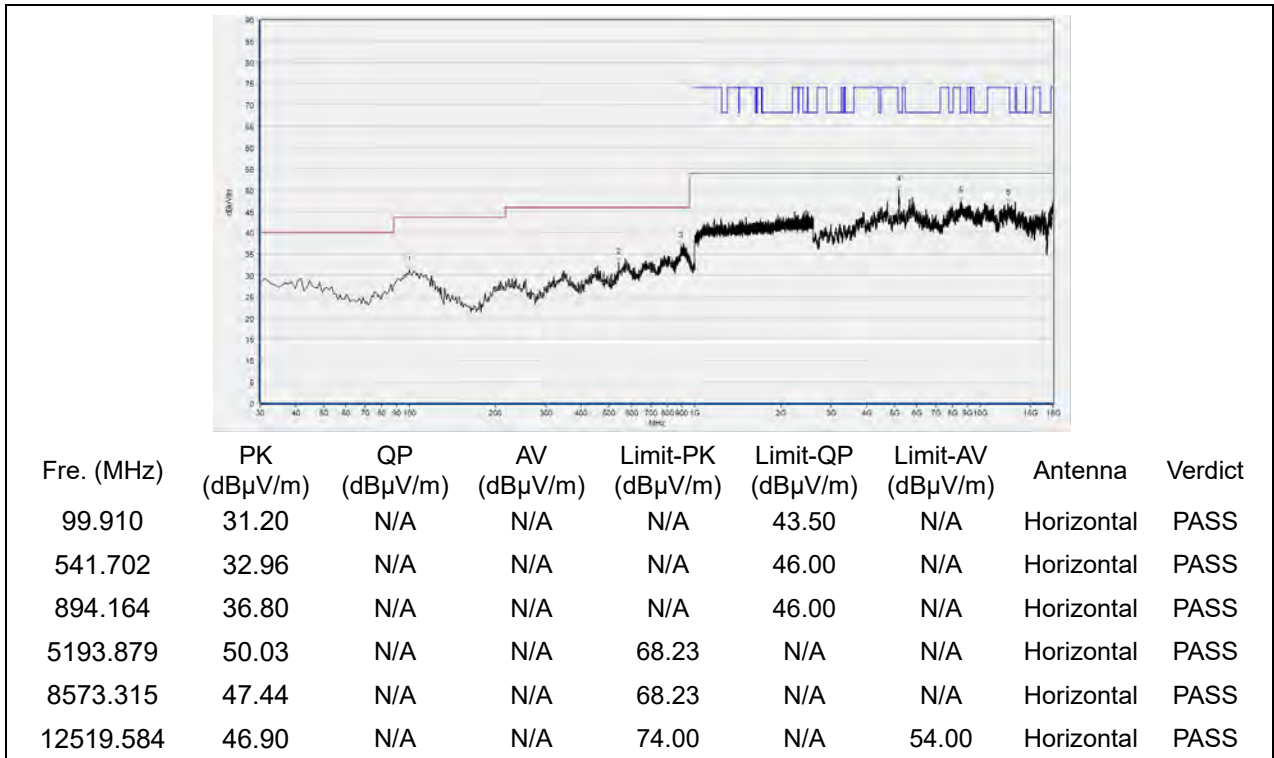


(Antenna Vertical, 30MHz to 18GHz)

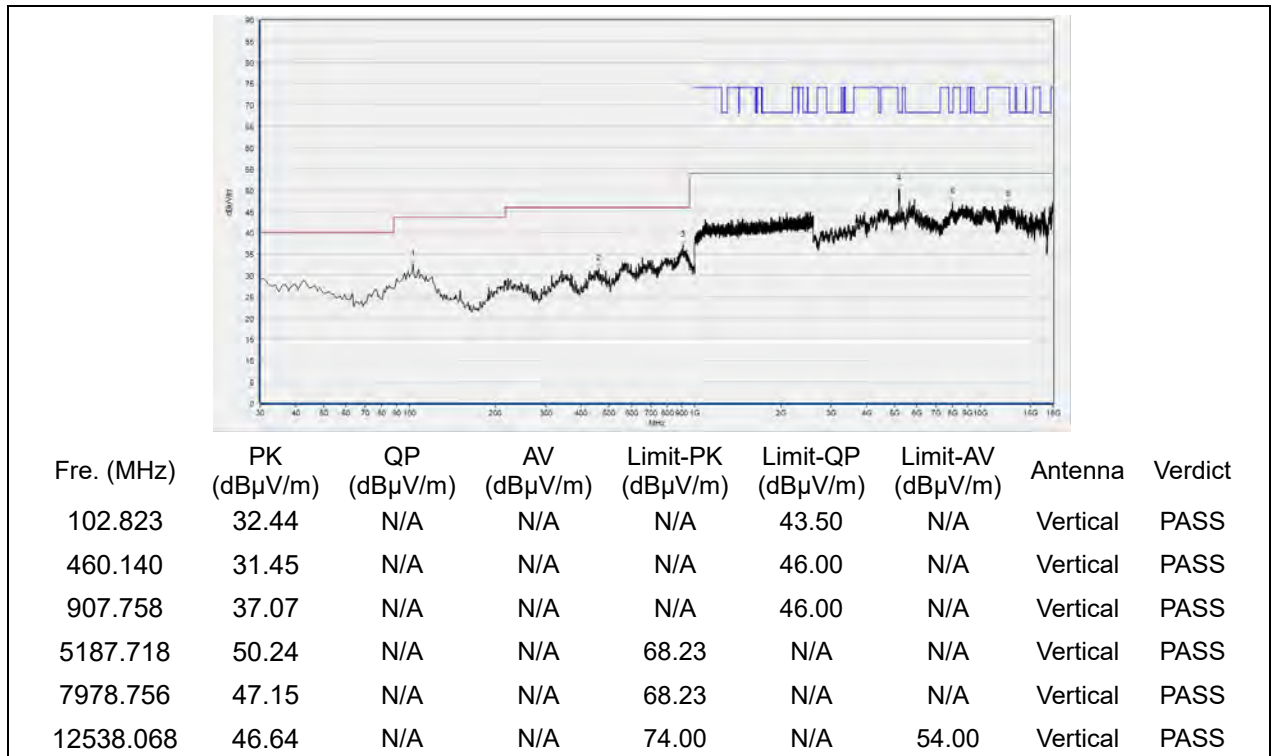


**802.11n (HT40) mode**

Plot for Channel 38

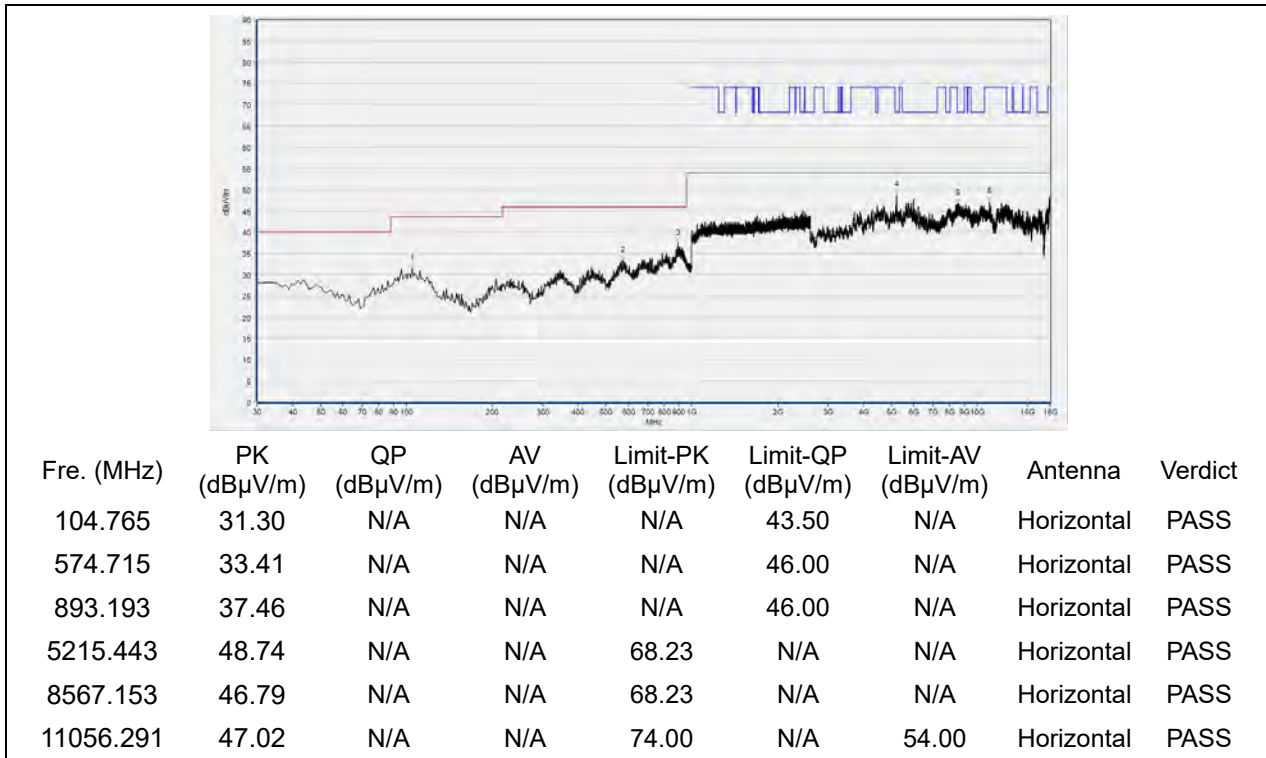


(Antenna Horizontal, 30MHz to 18GHz)

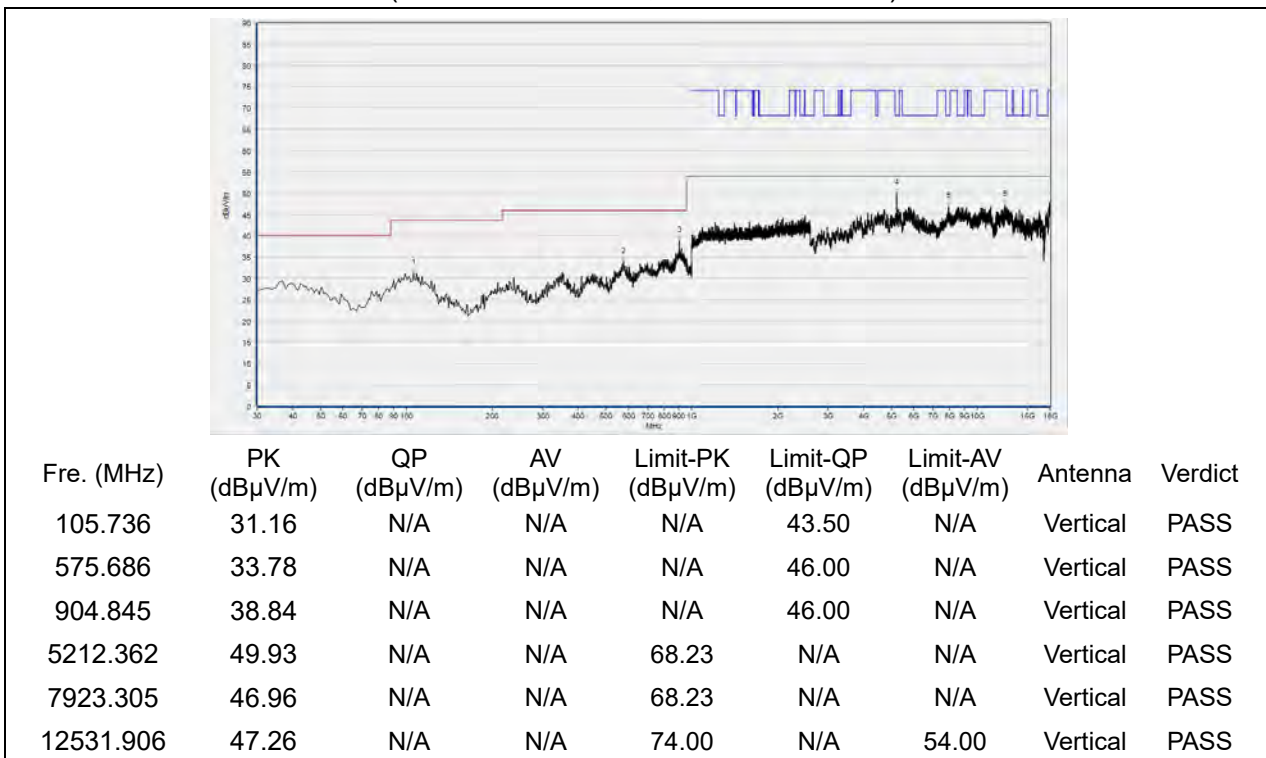


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 46

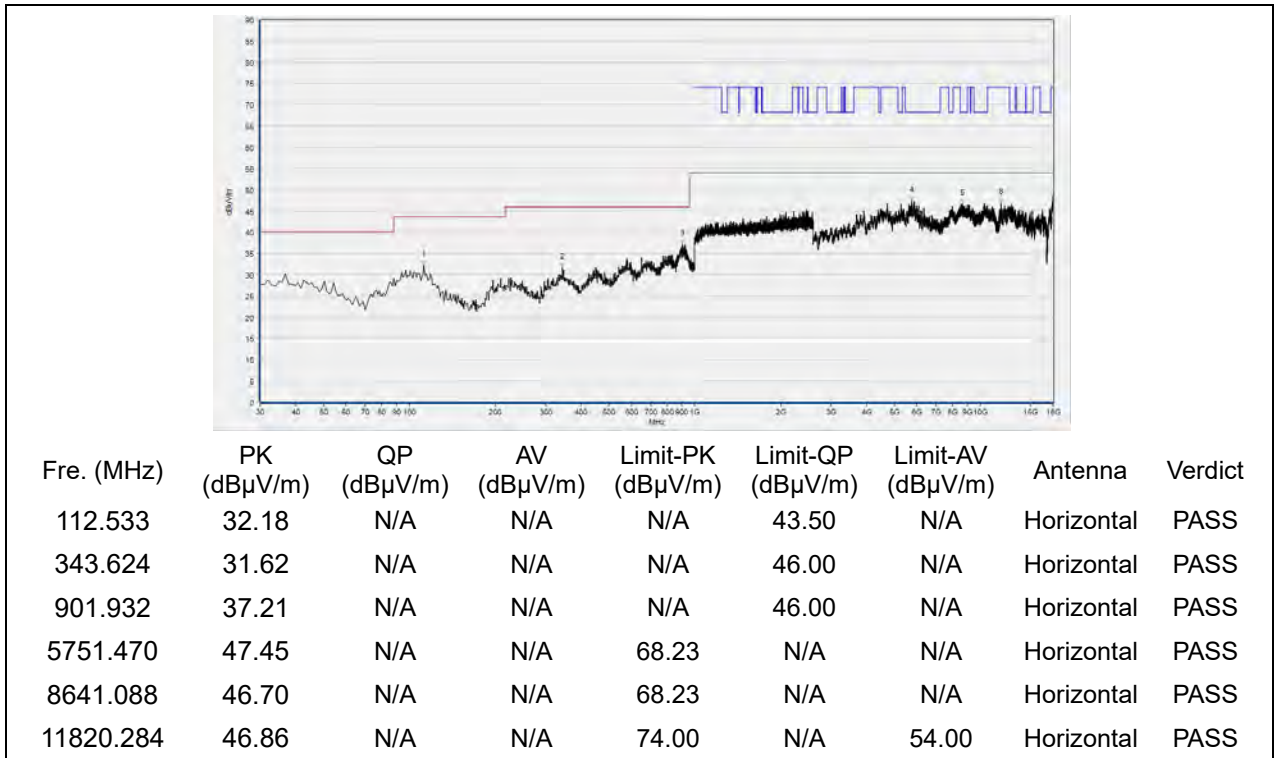


(Antenna Horizontal, 30MHz to 18GHz)

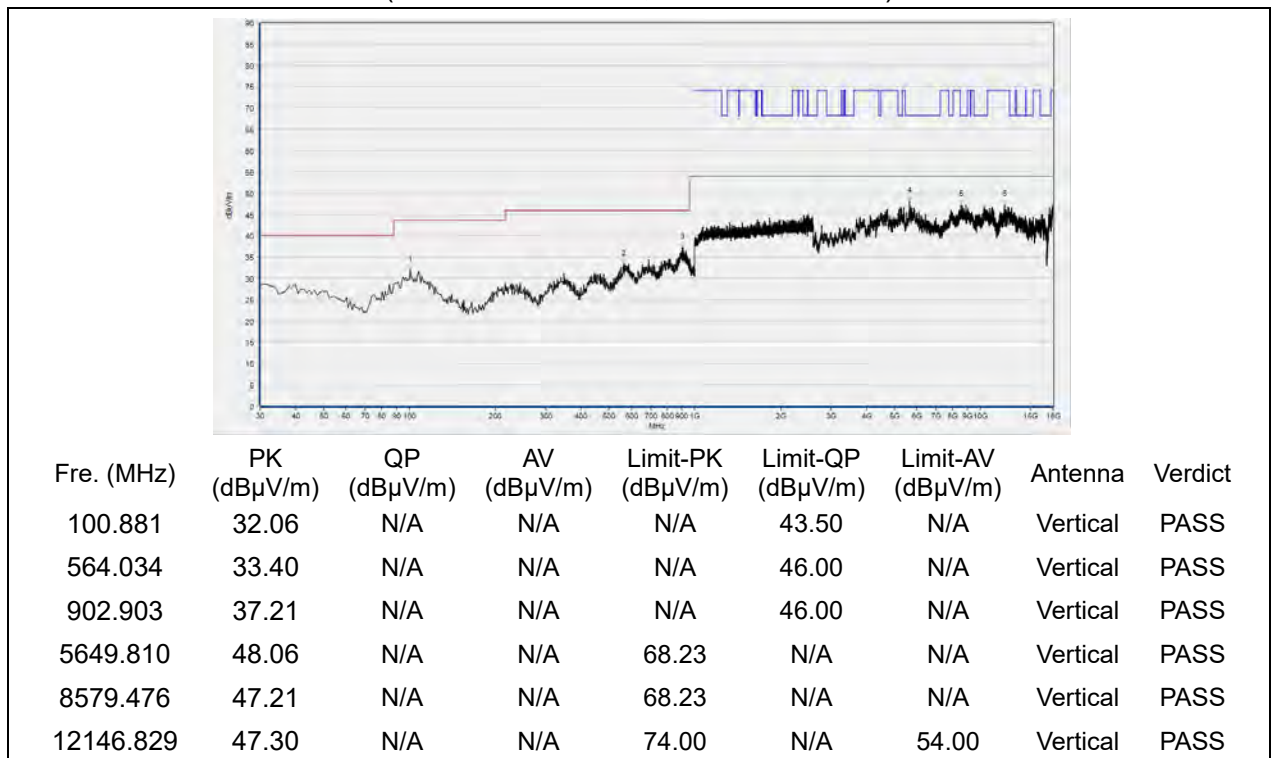


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 54

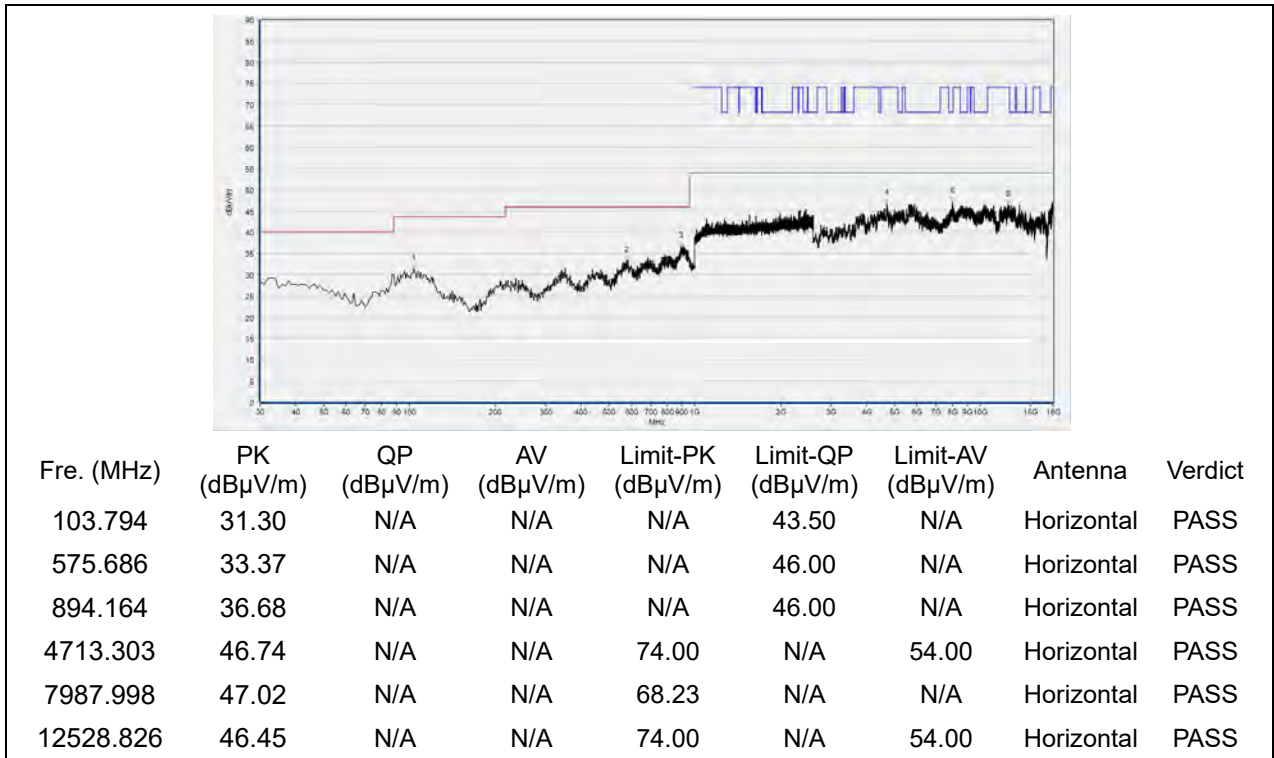


(Antenna Horizontal, 30MHz to 18GHz)

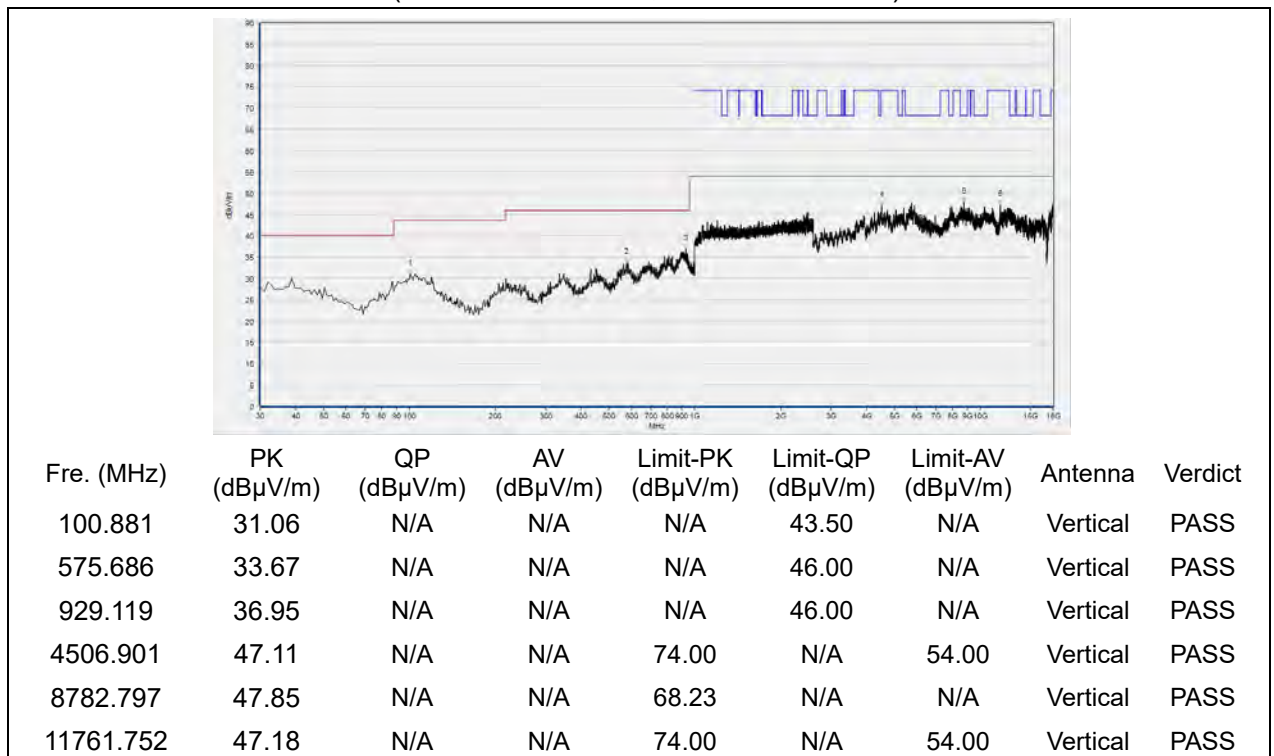


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 62

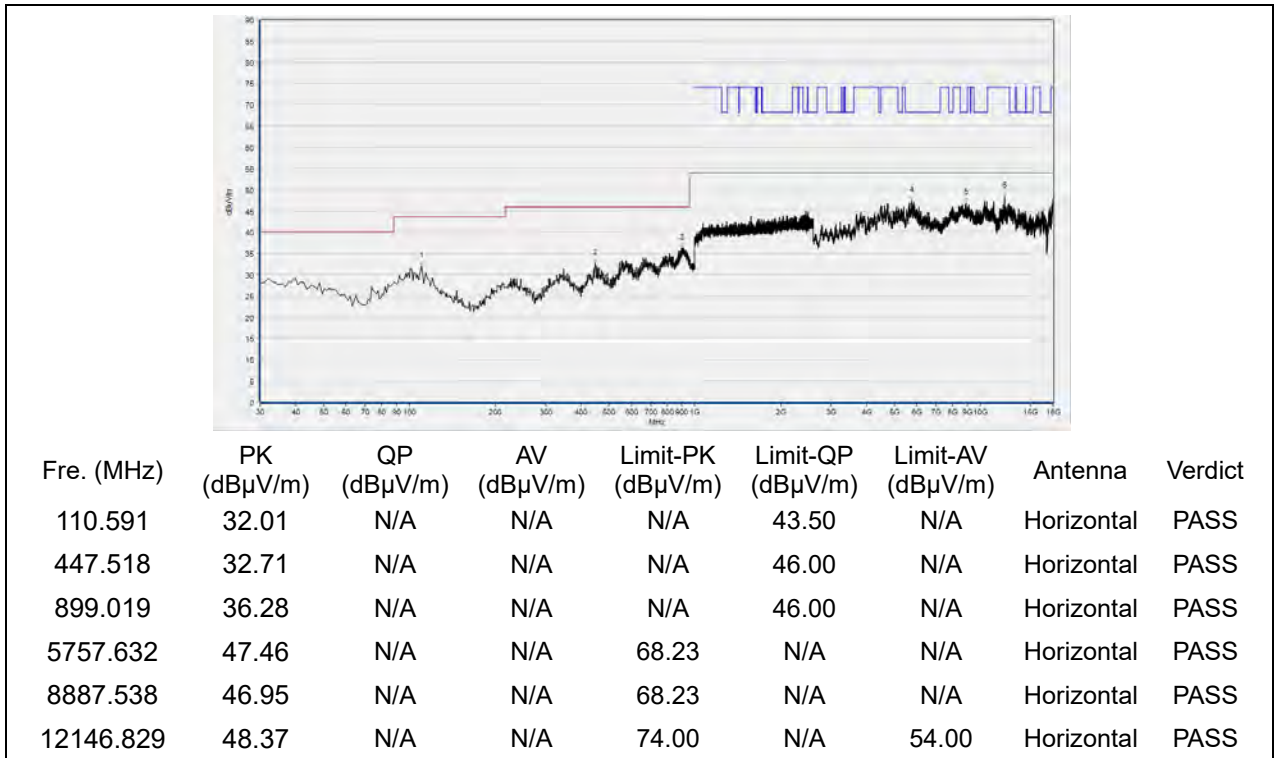


(Antenna Horizontal, 30MHz to 18GHz)

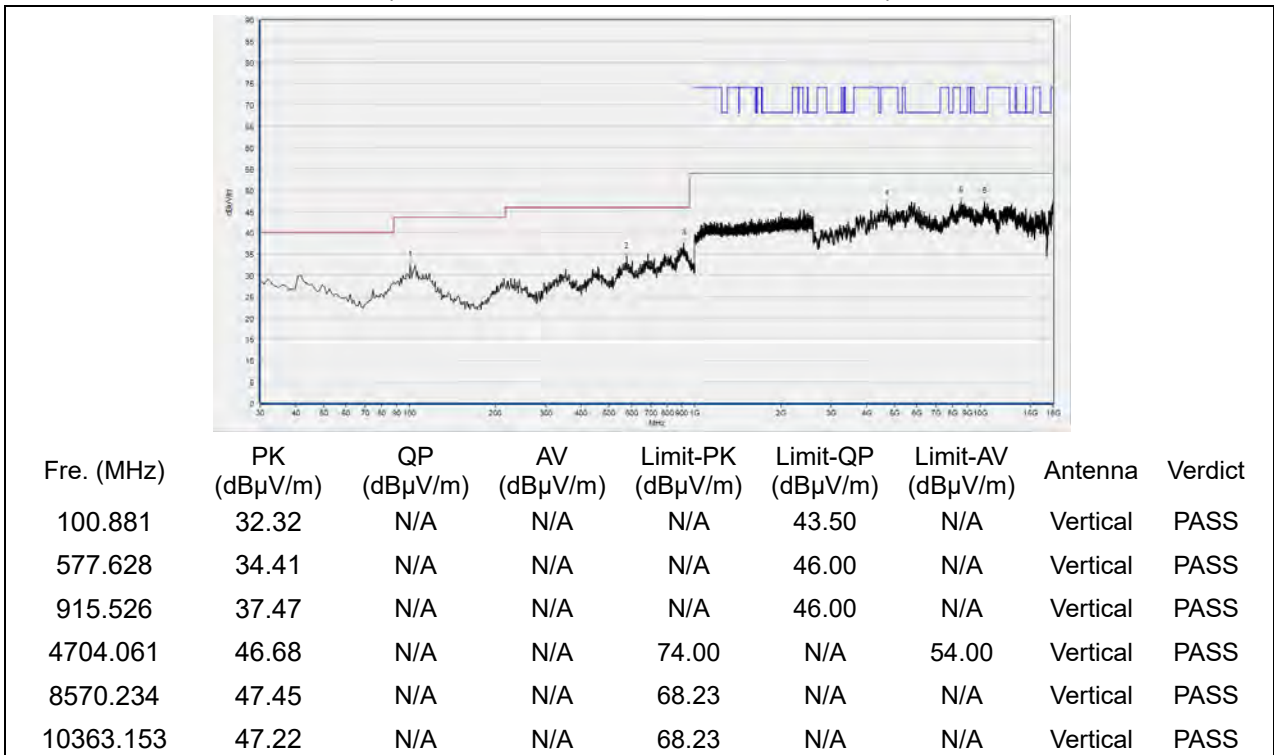


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 102

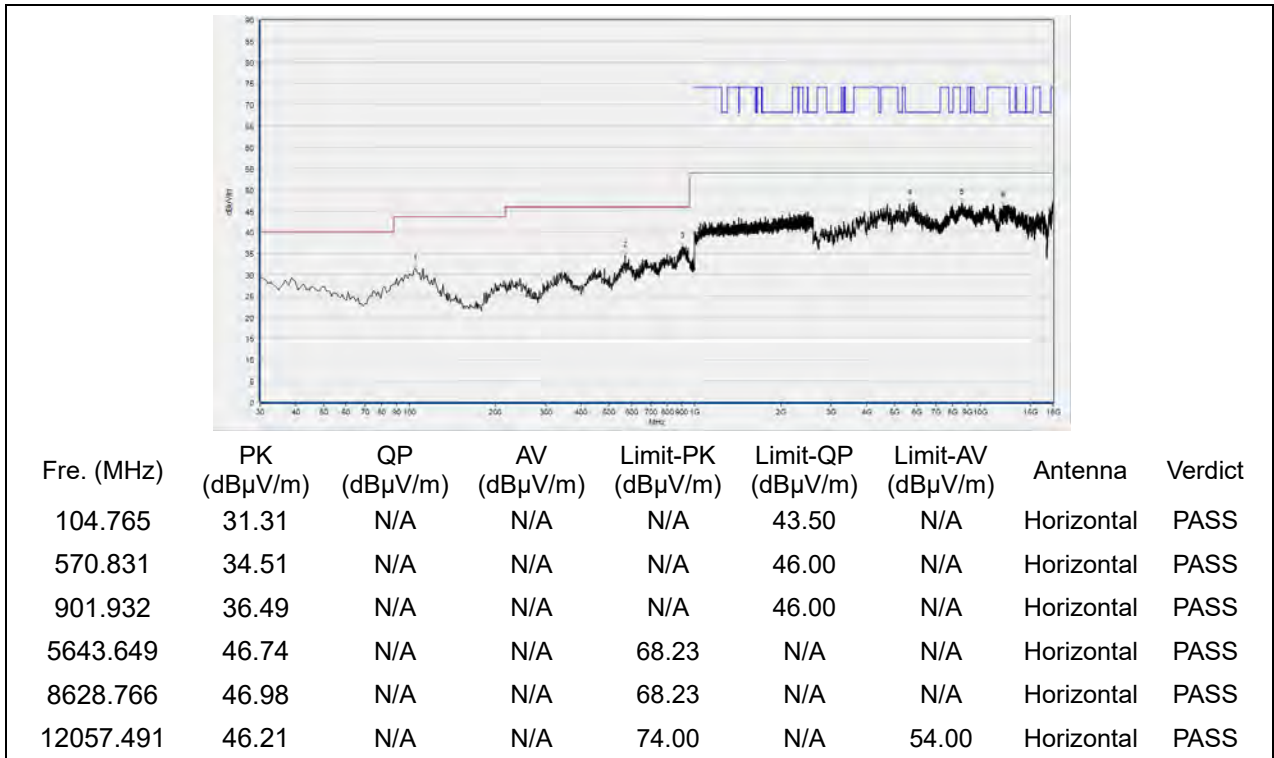


(Antenna Horizontal, 30MHz to 18GHz)

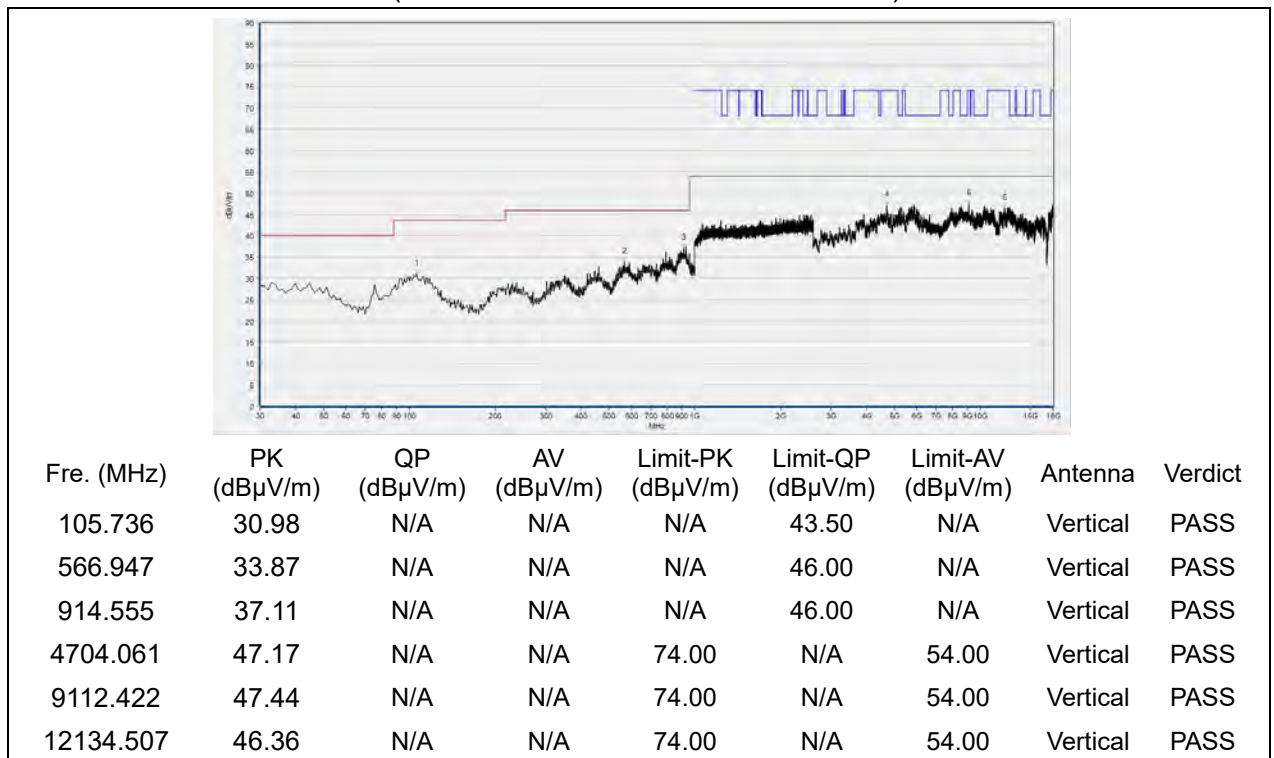


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 126

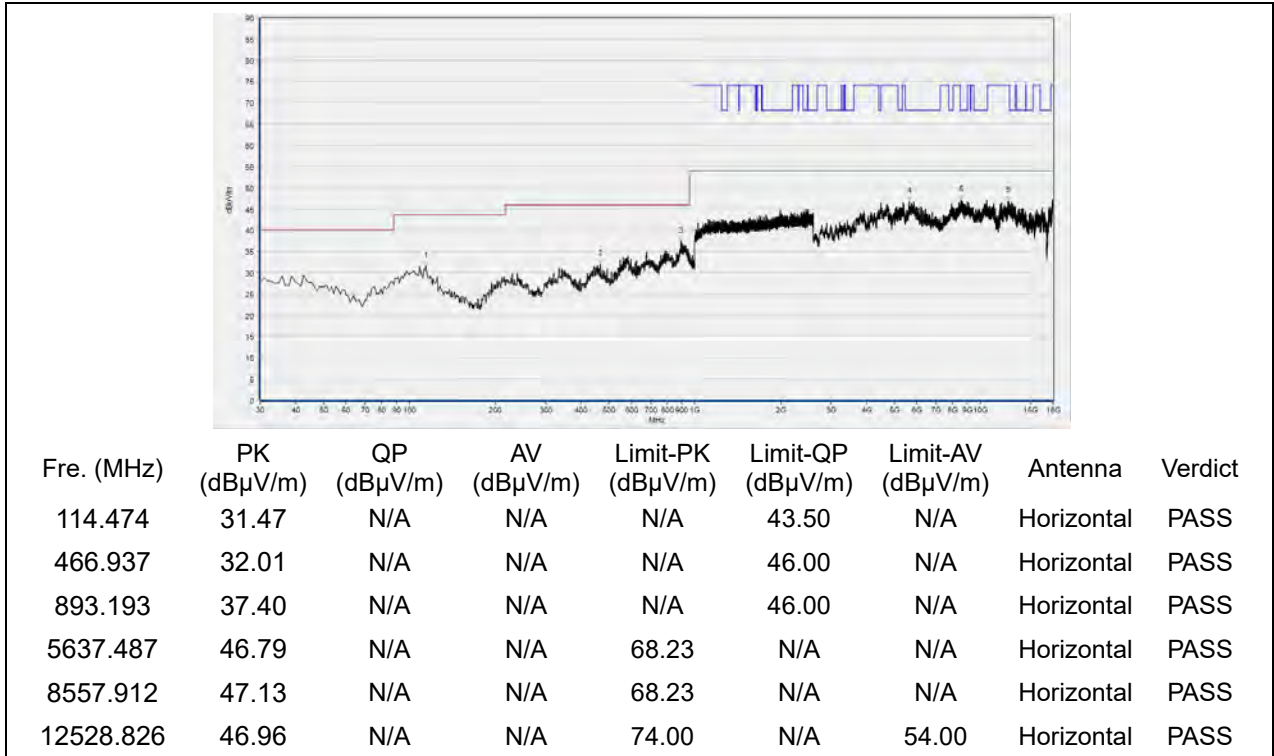


(Antenna Horizontal, 30MHz to 18GHz)

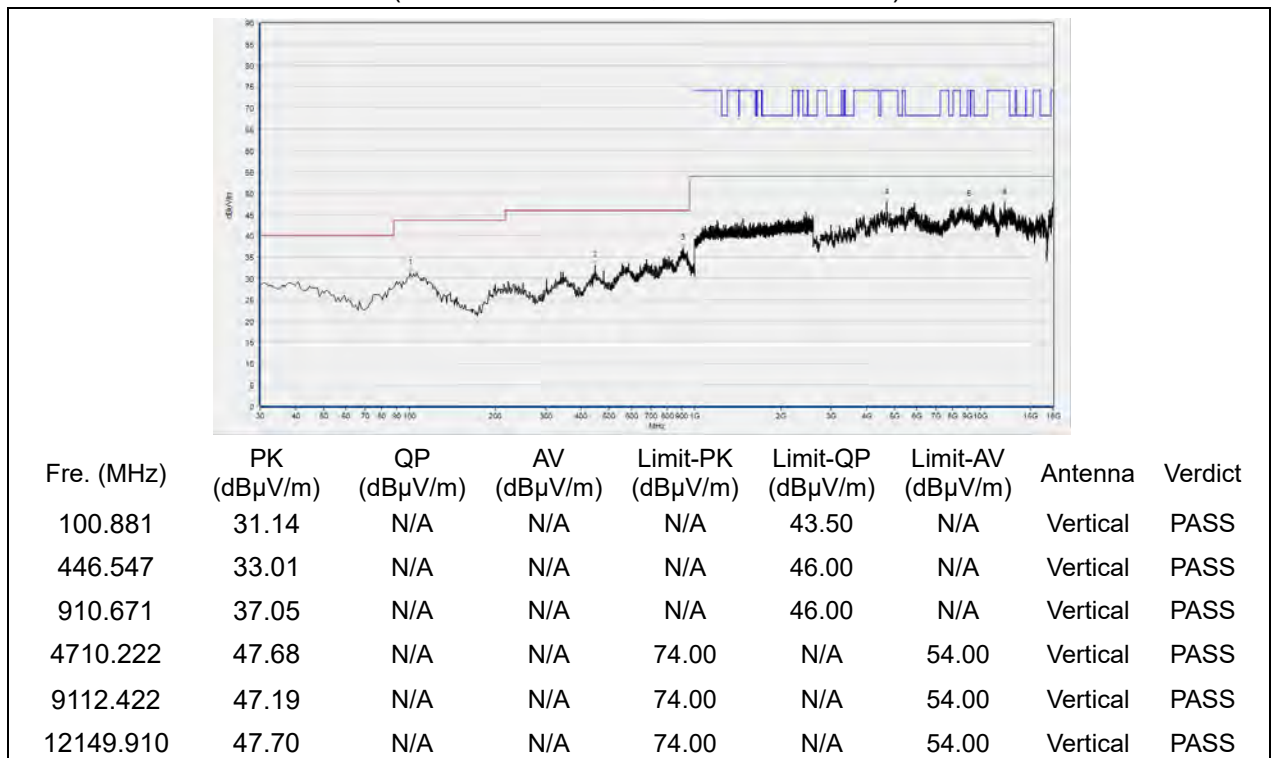


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 142

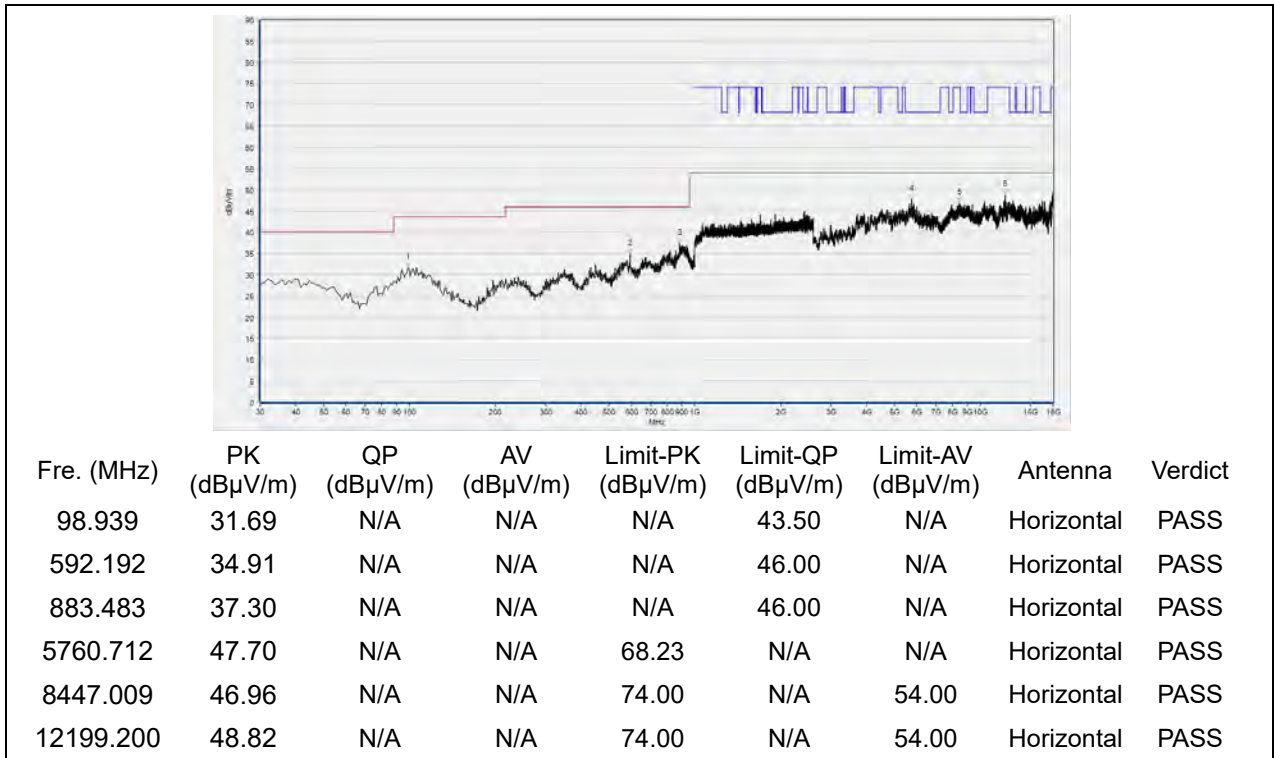


(Antenna Horizontal, 30MHz to 18GHz)

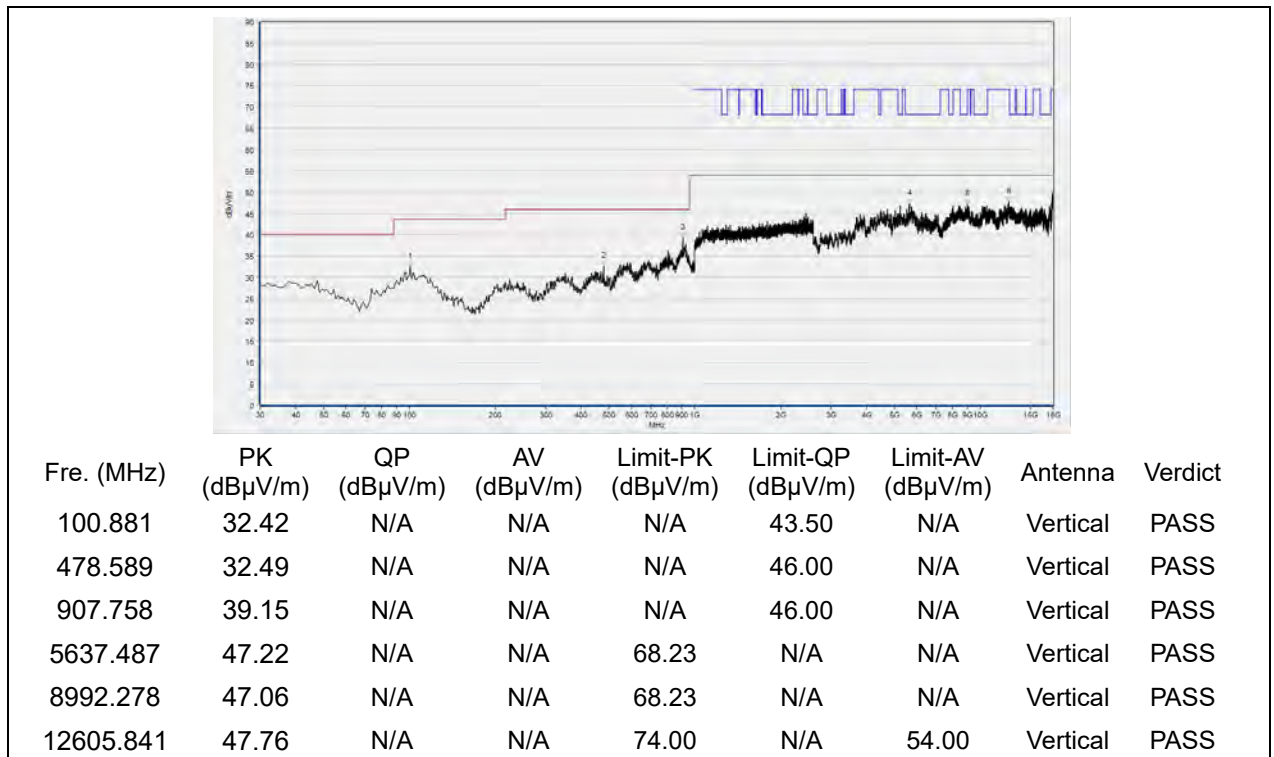


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 151



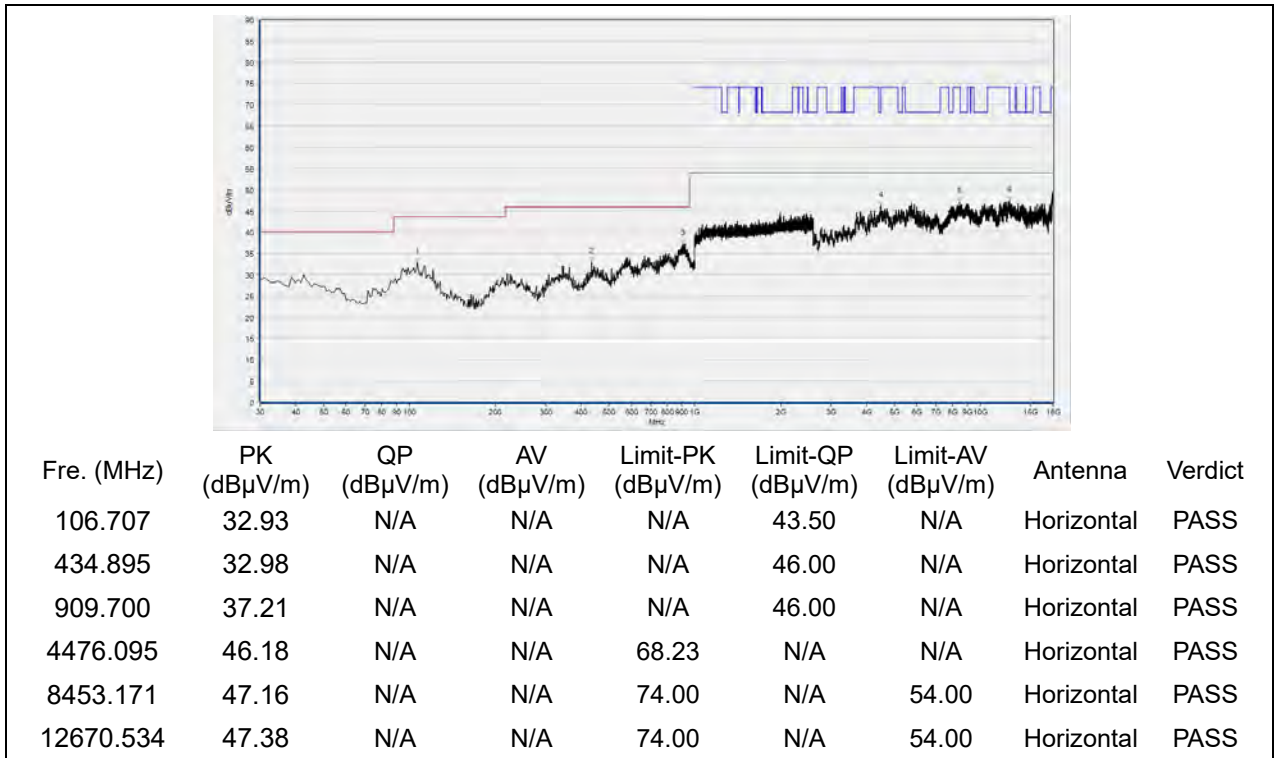
(Antenna Horizontal, 30MHz to 18GHz)



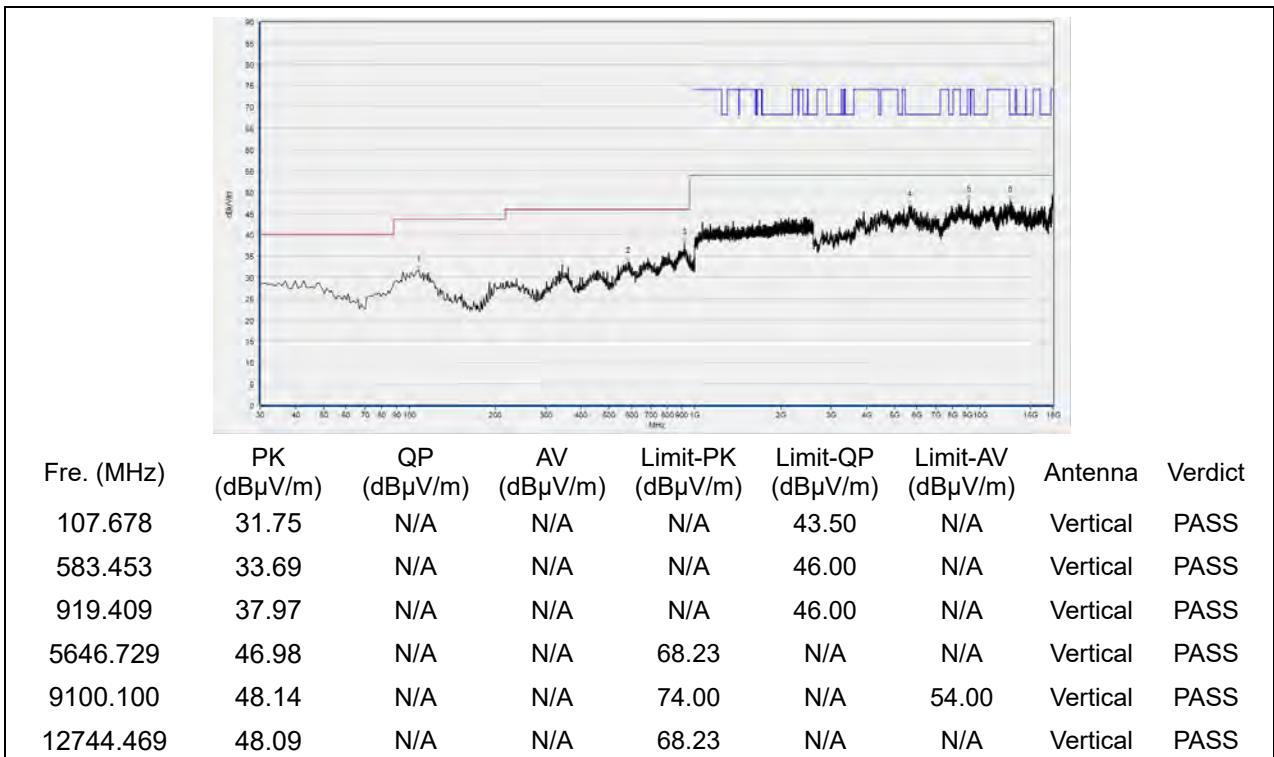
(Antenna Vertical, 30MHz to 18GHz)



Plot for Channel 159



(Antenna Horizontal, 30MHz to 18GHz)

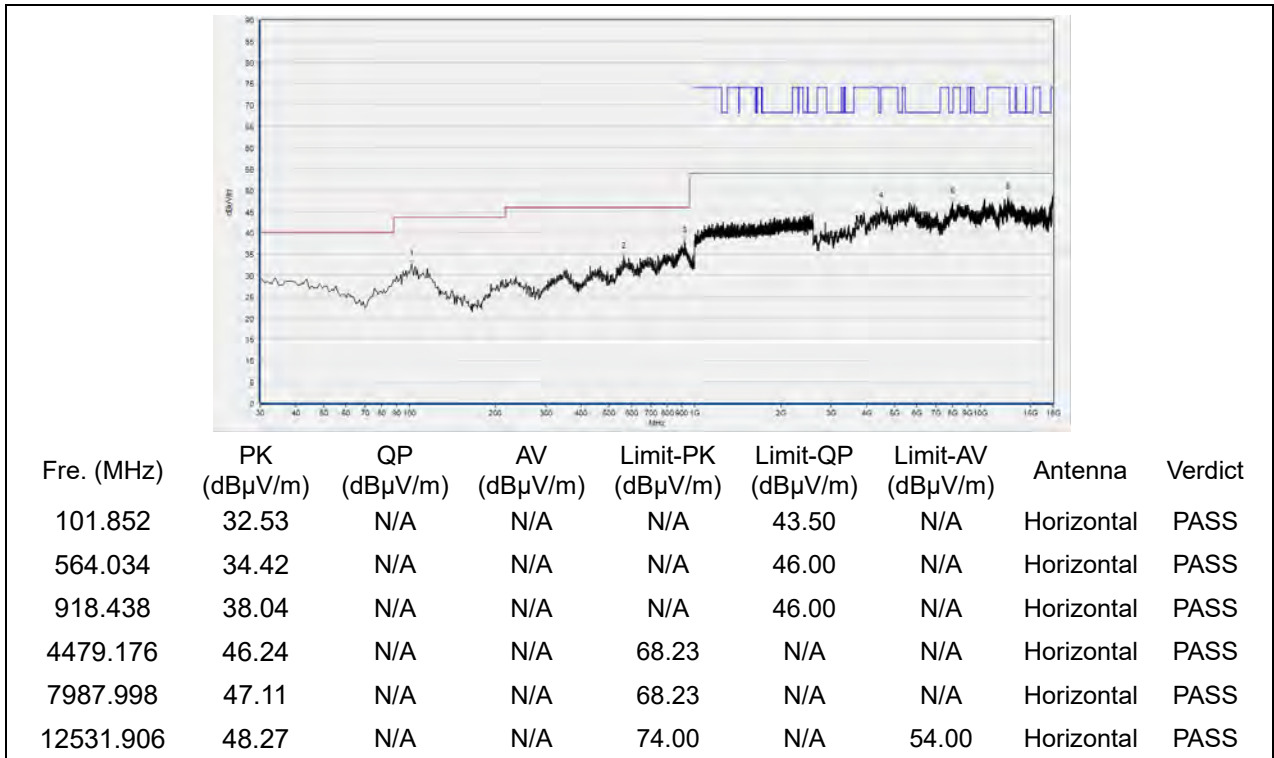


(Antenna Vertical, 30MHz to 18GHz)

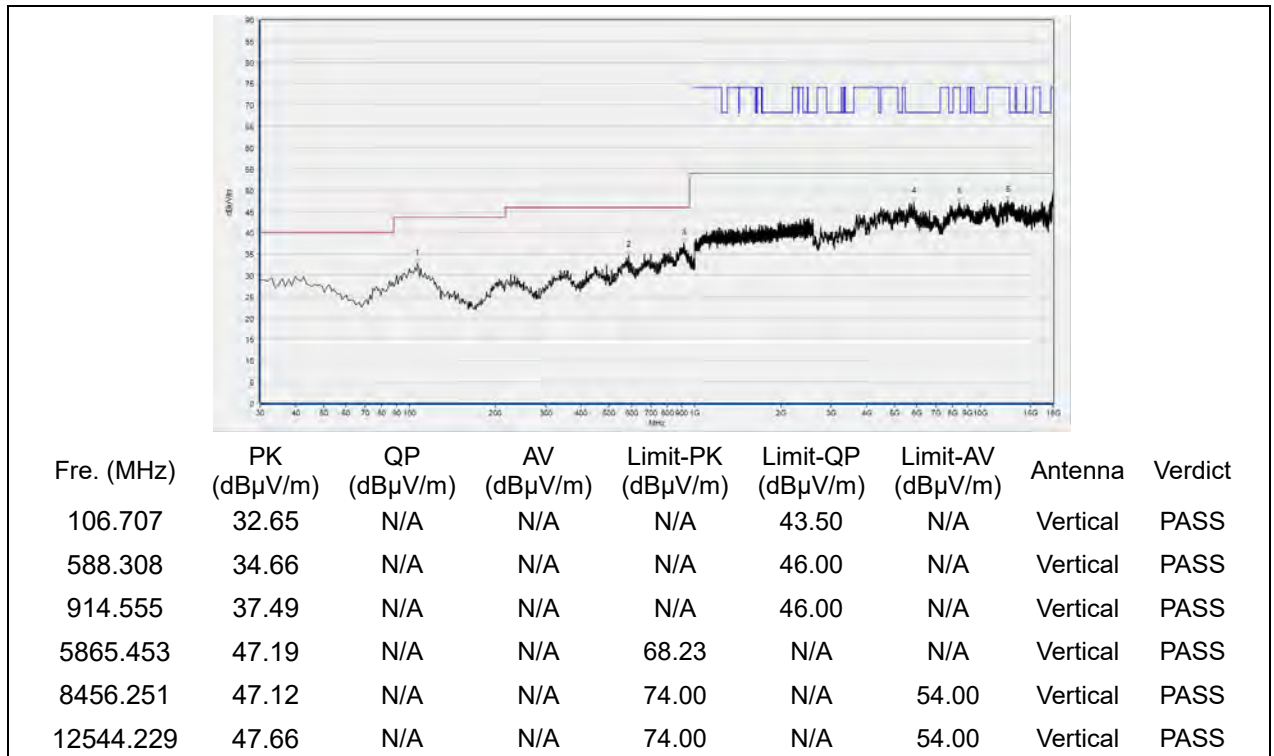


**802.11ac (VHT80) Mode**

Plot for Channel 42

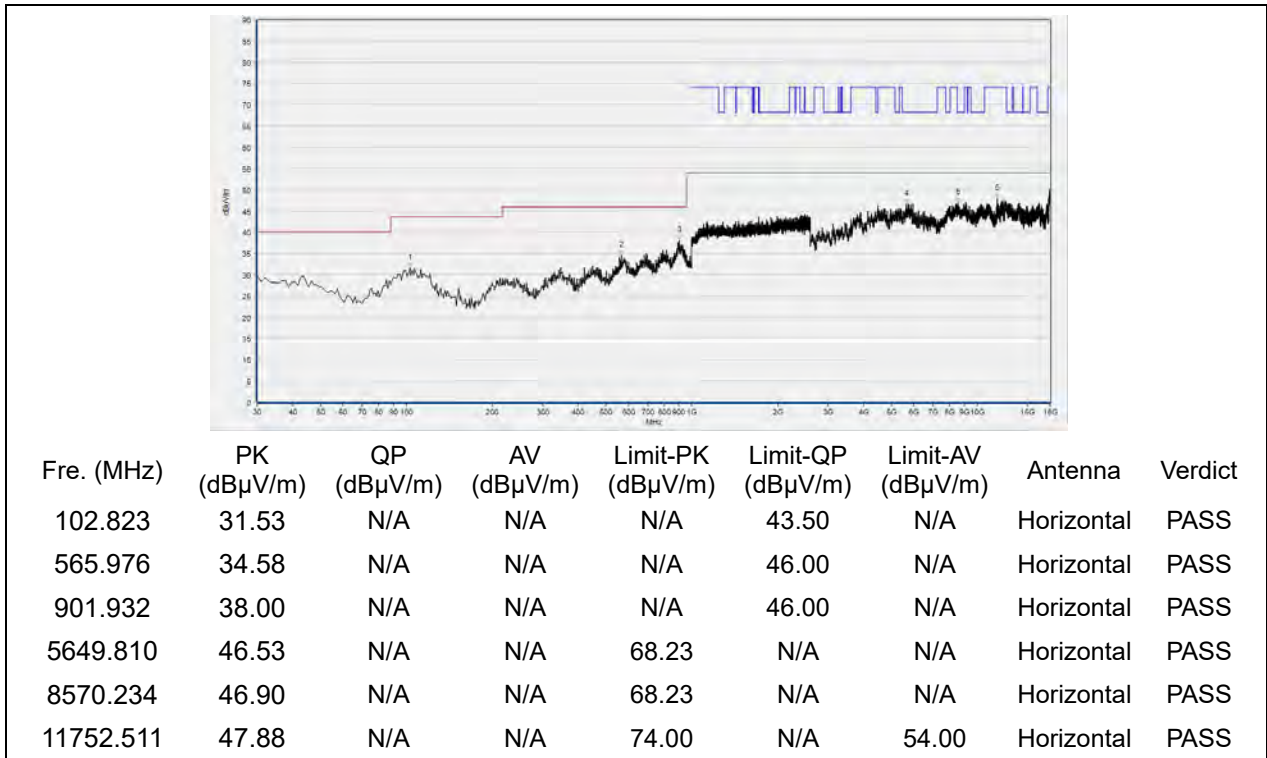


(Antenna Horizontal, 30MHz to 18GHz)

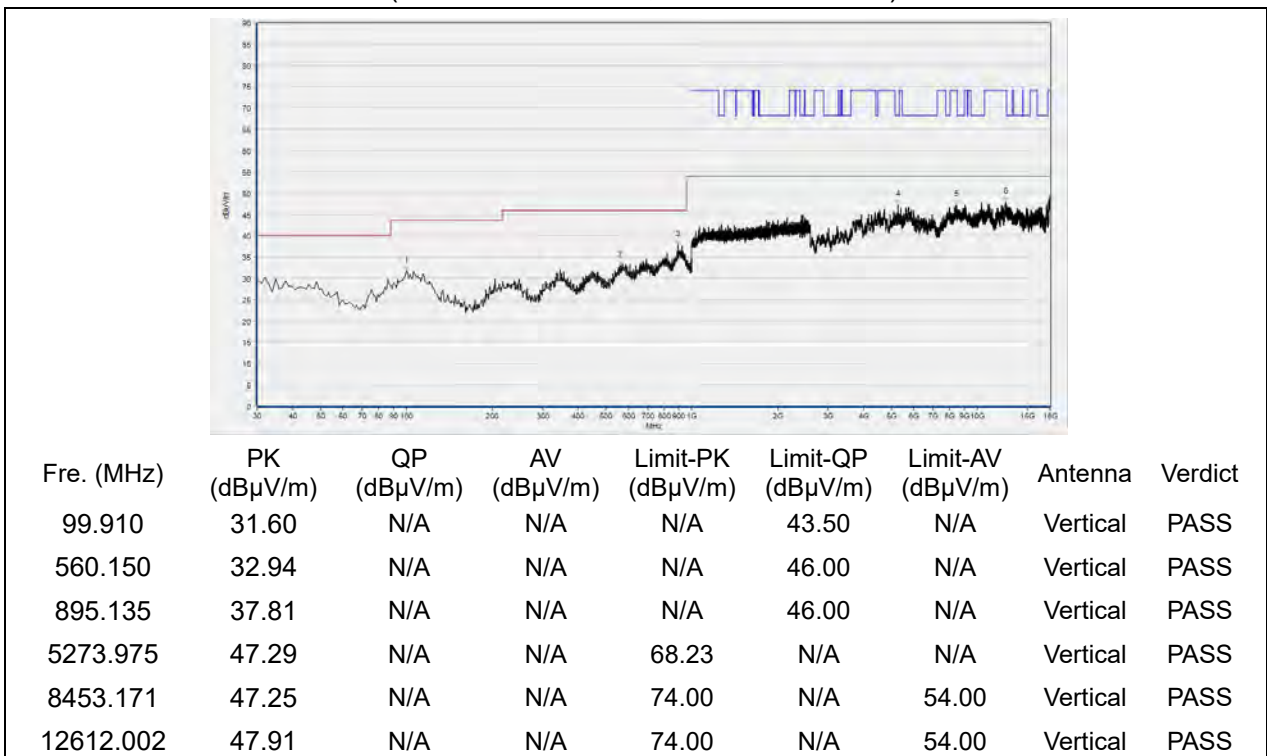


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 58

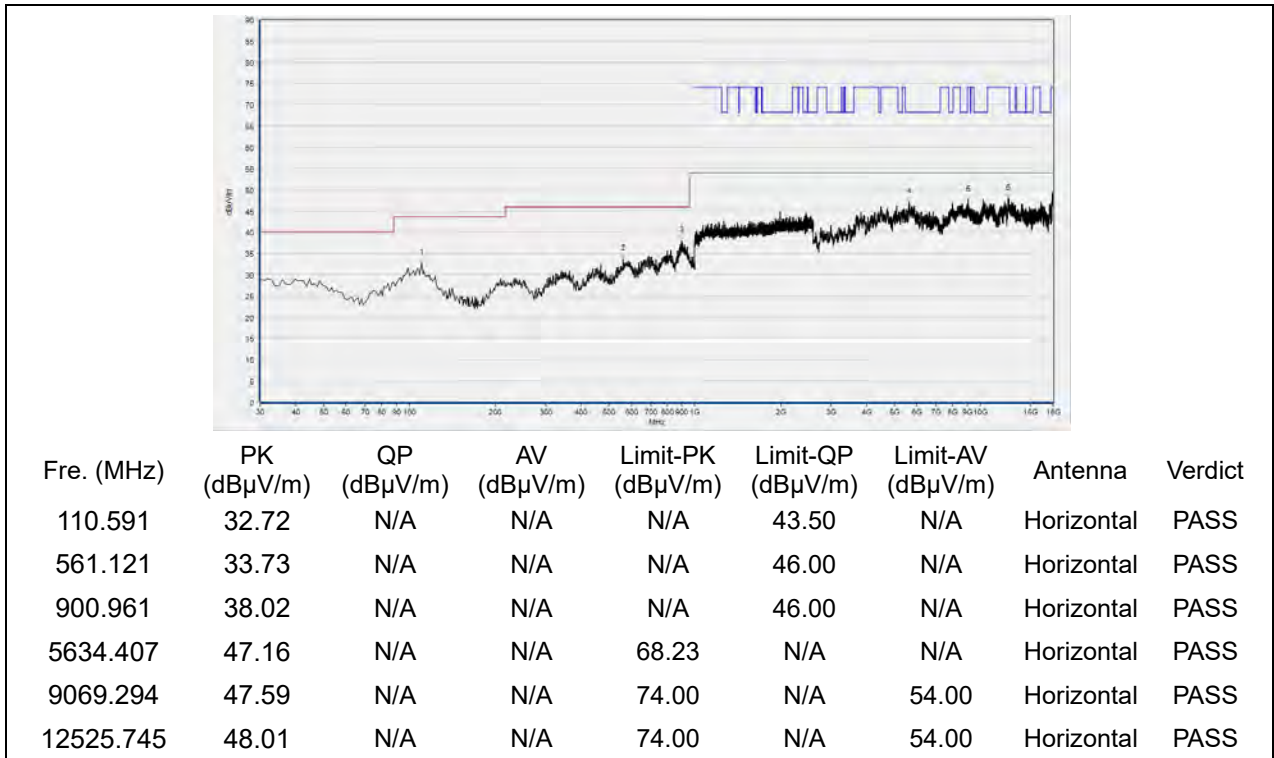


(Antenna Horizontal, 30MHz to 18GHz)

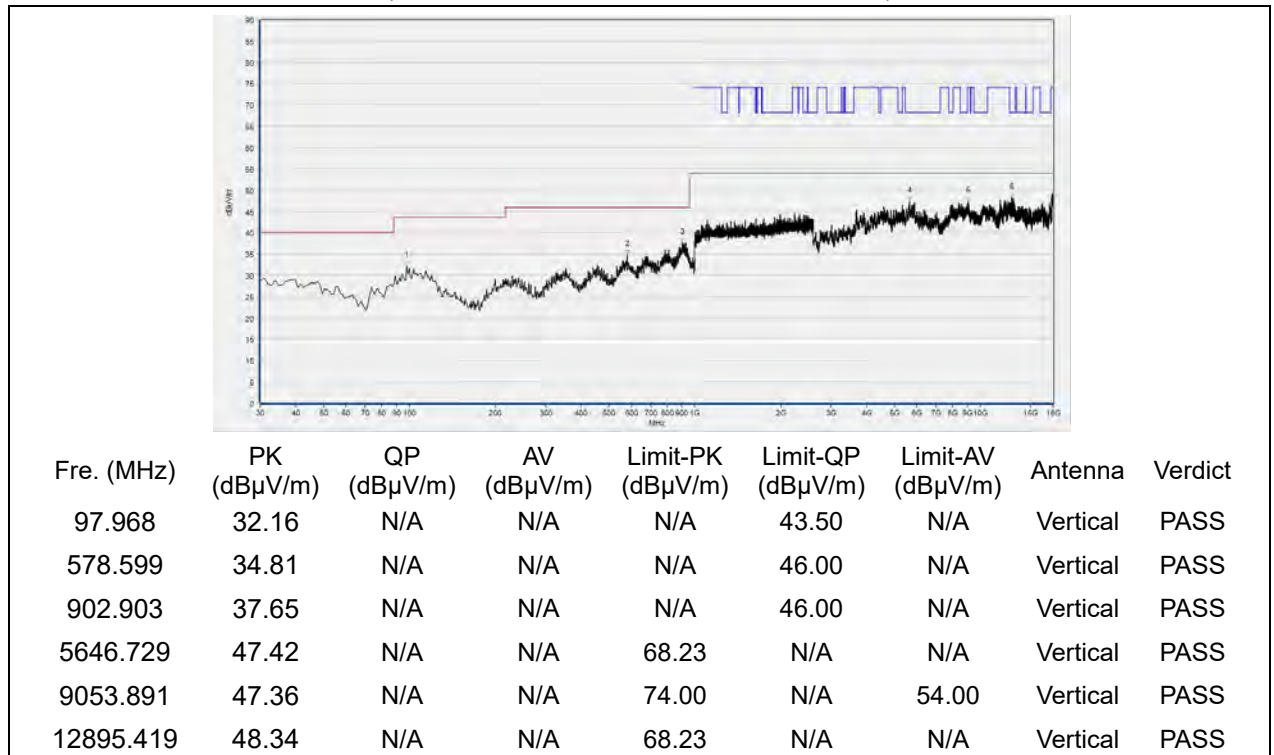


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 106

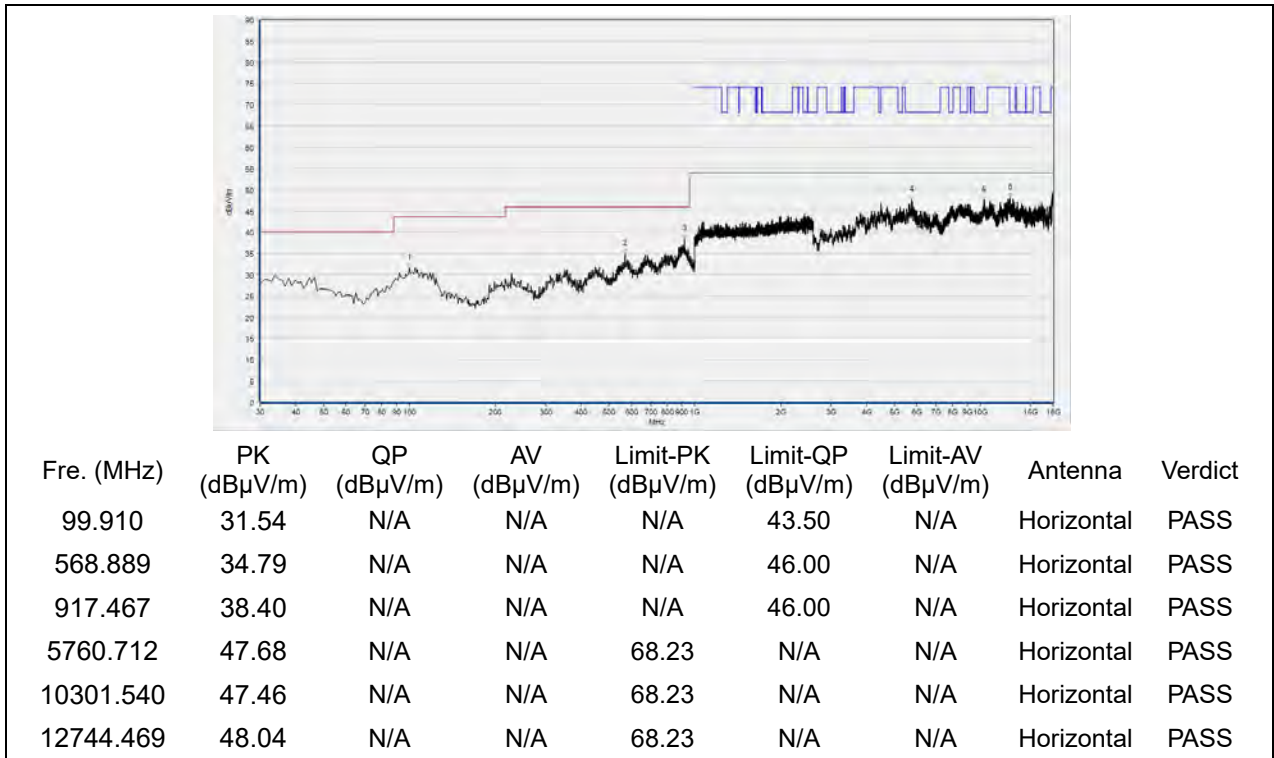


(Antenna Horizontal, 30MHz to 18GHz)

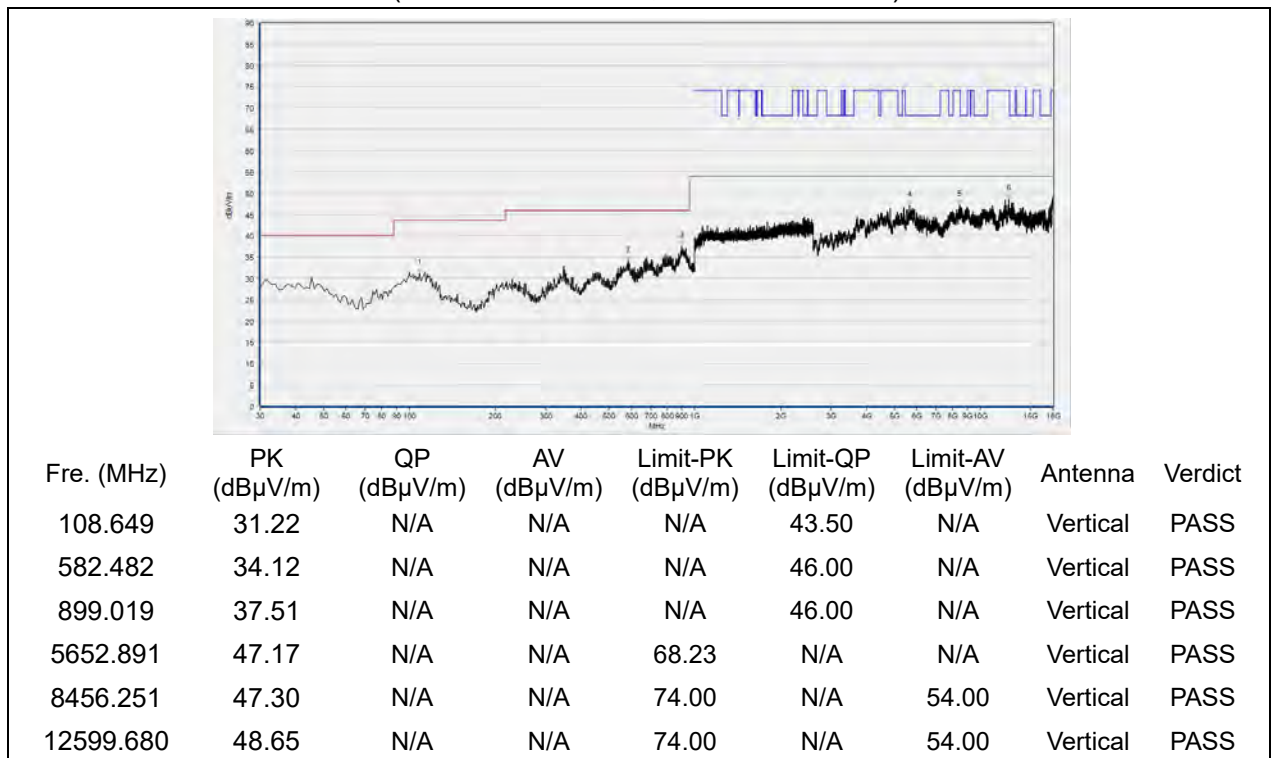


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 122

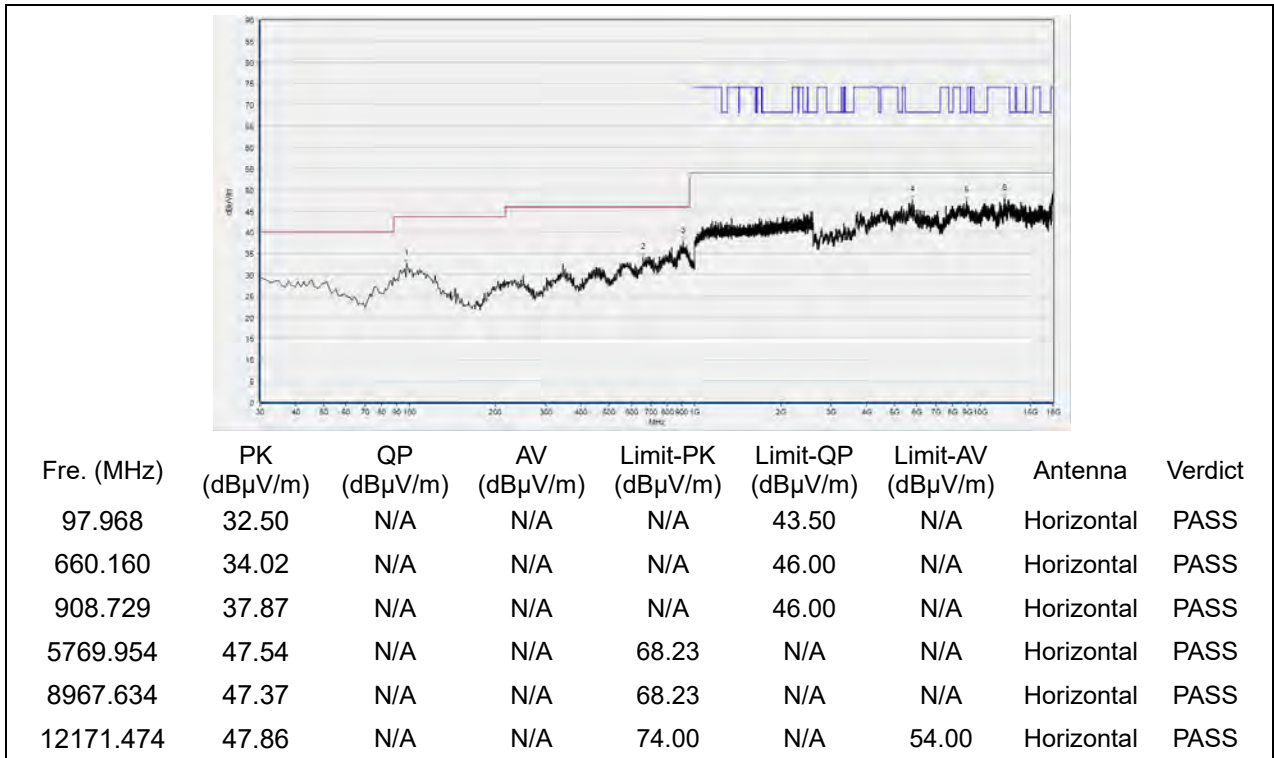


(Antenna Horizontal, 30MHz to 18GHz)

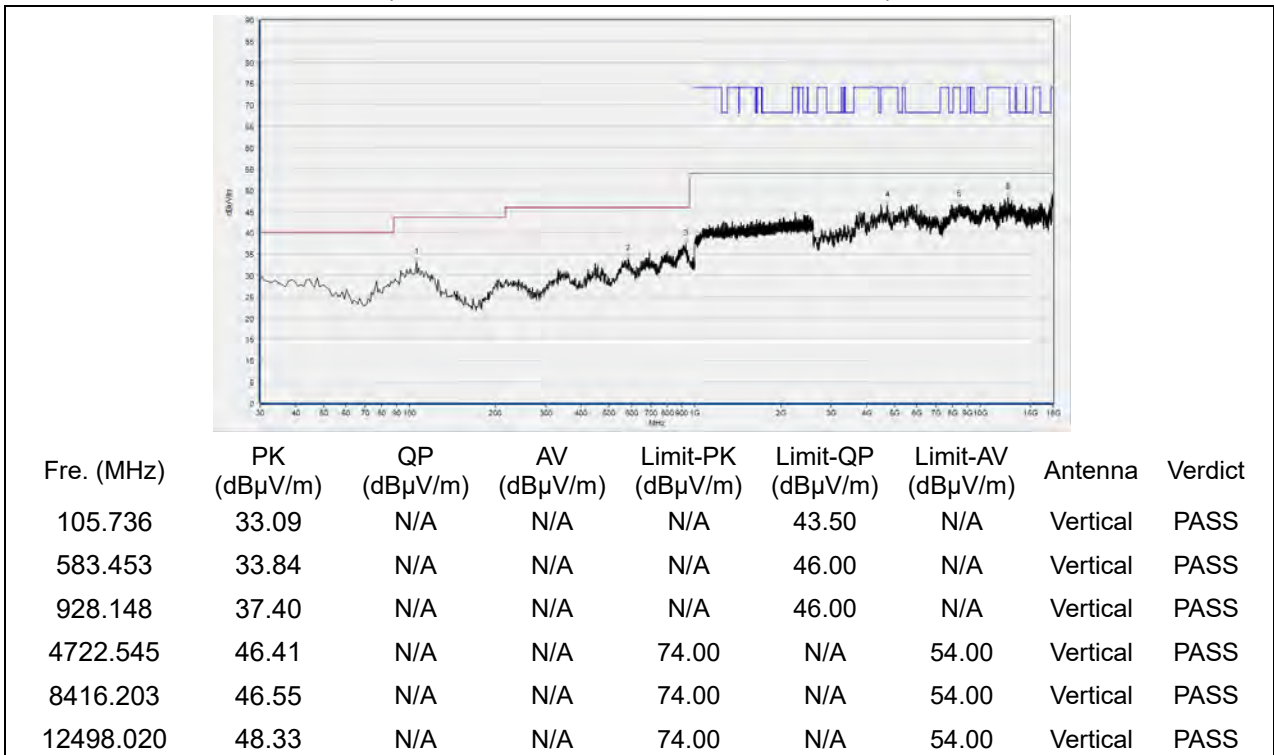


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 138

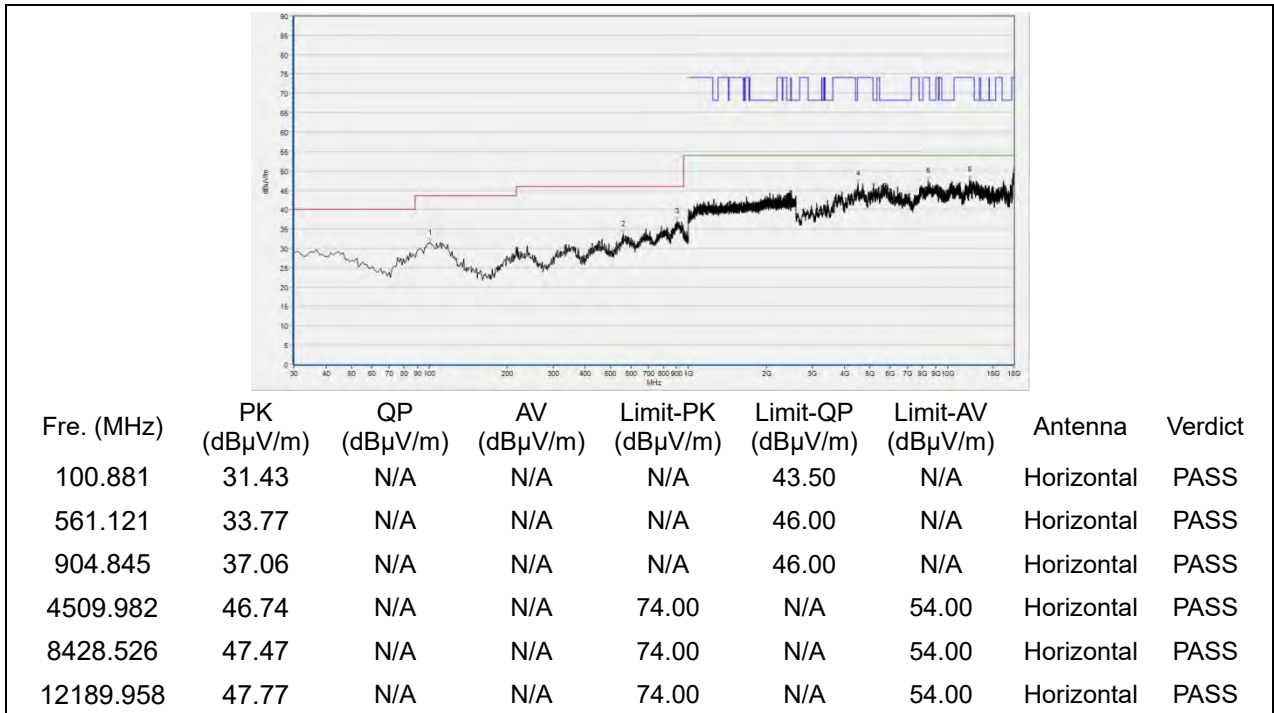


(Antenna Horizontal, 30MHz to 18GHz)

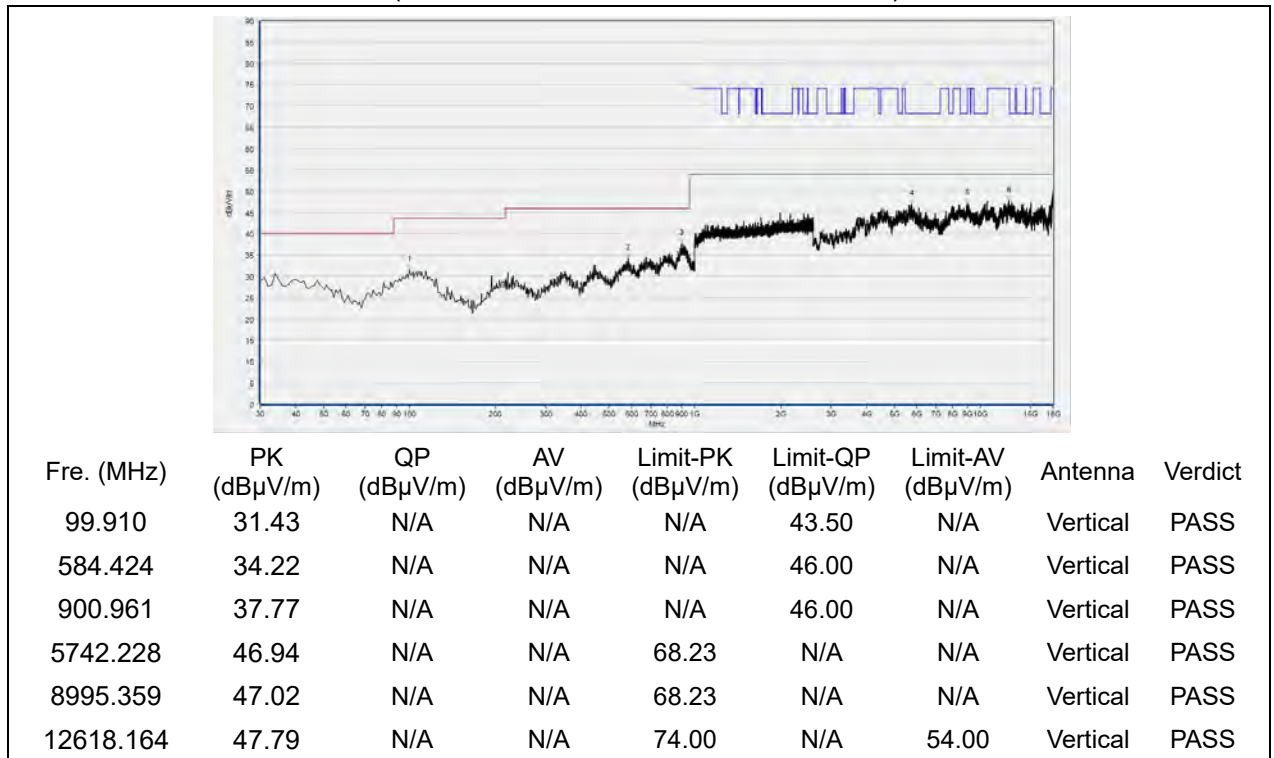


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 155



(Antenna Horizontal, 30MHz to 18GHz)



(Antenna Vertical, 30MHz to 18GHz)

END OF REPORT