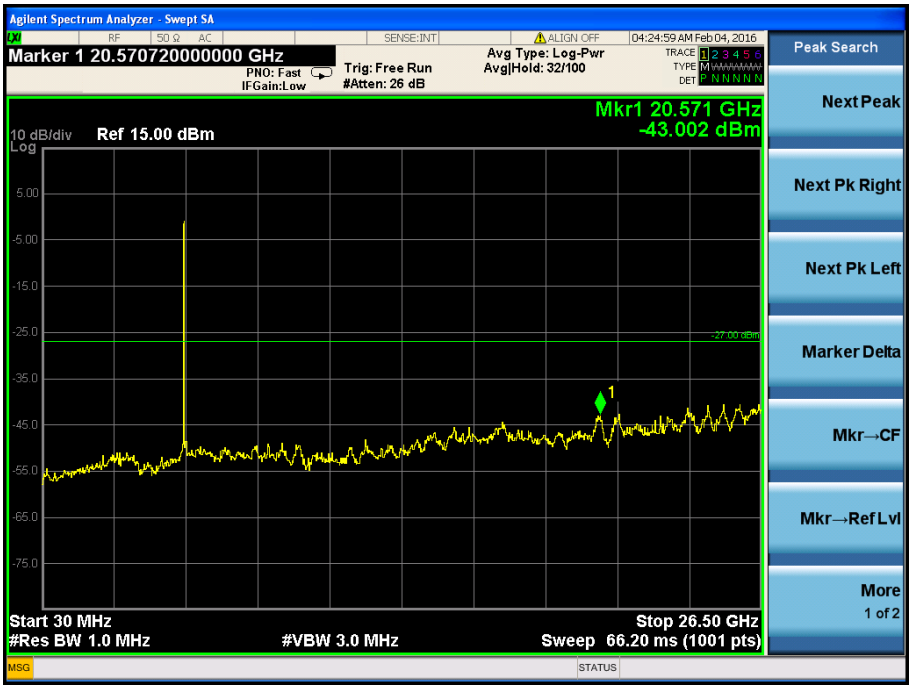
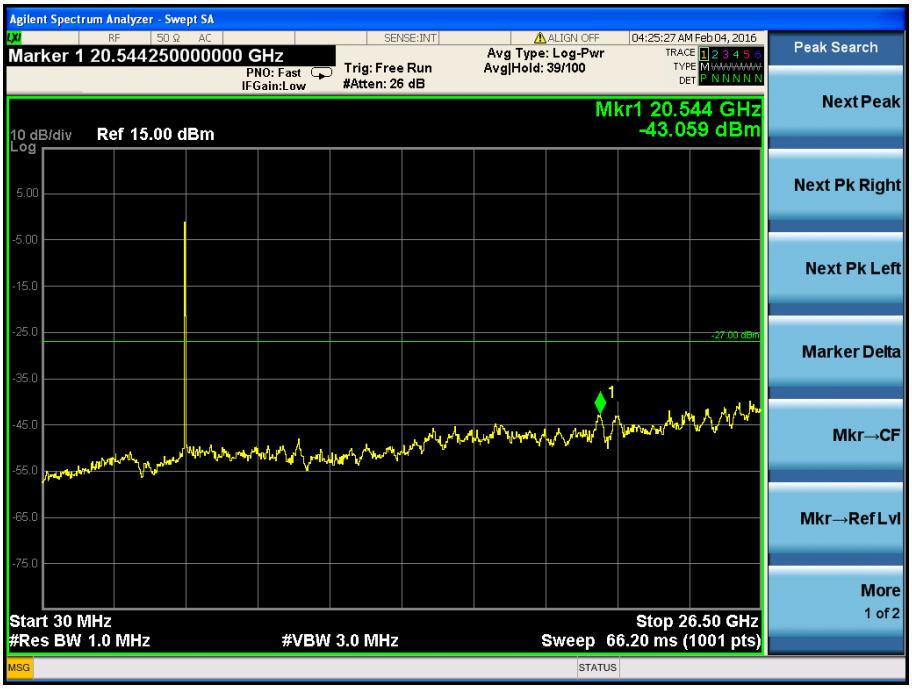
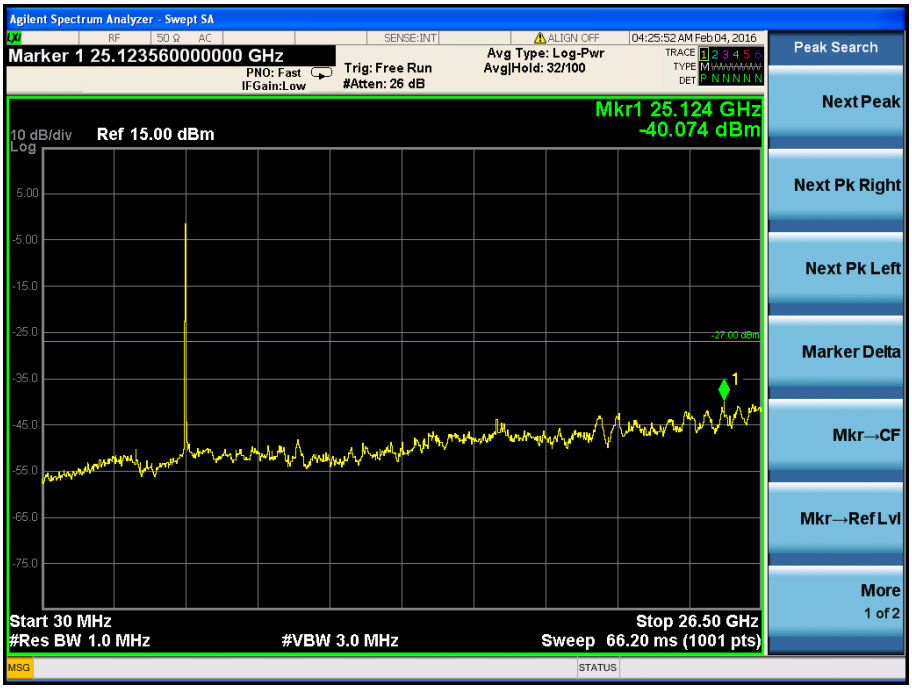
5260MHz



5300MHz

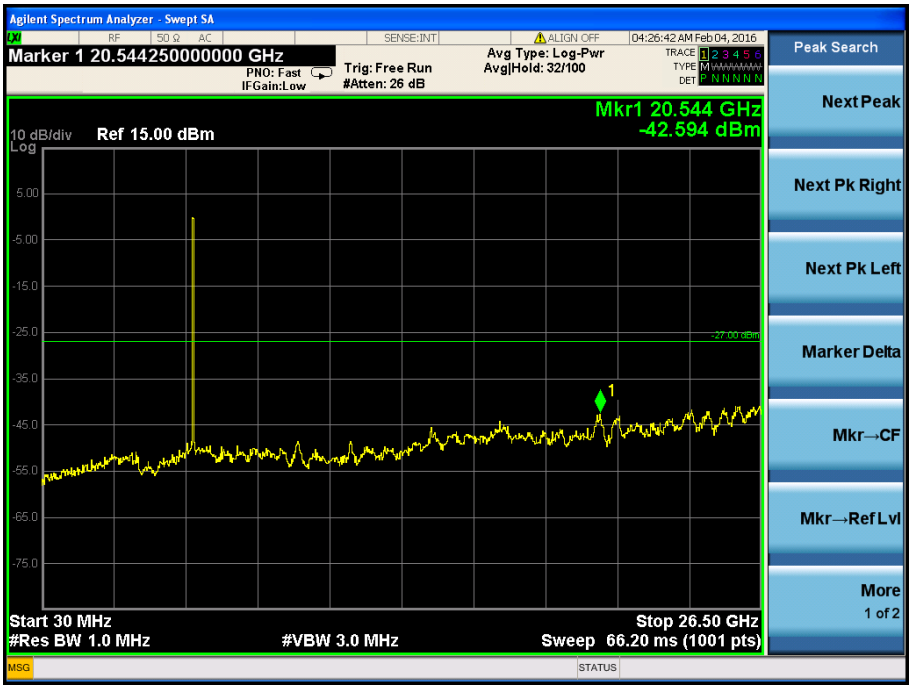


5320MHz



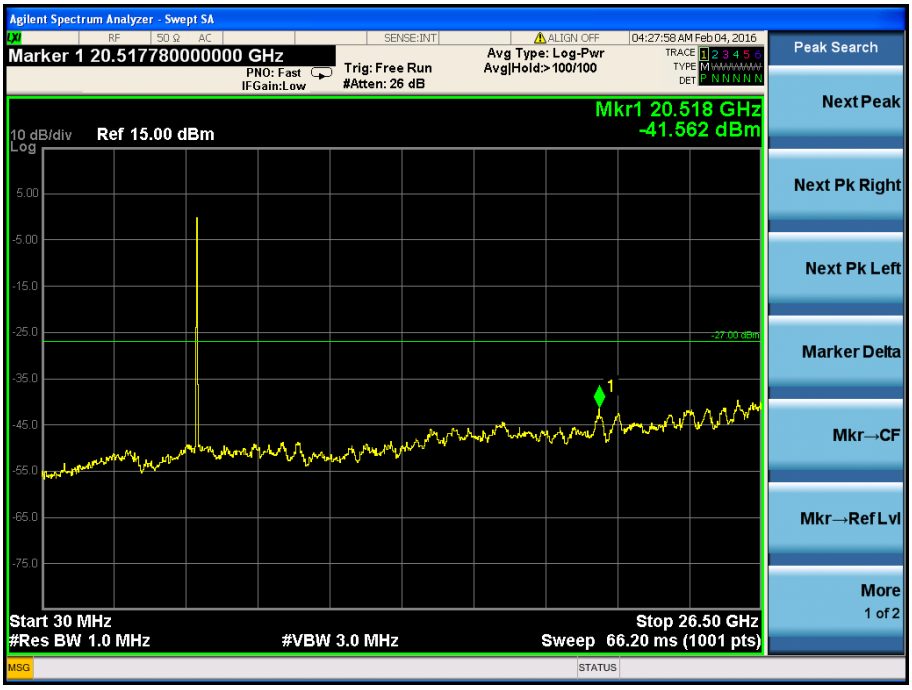
5500MHz

5600MHz



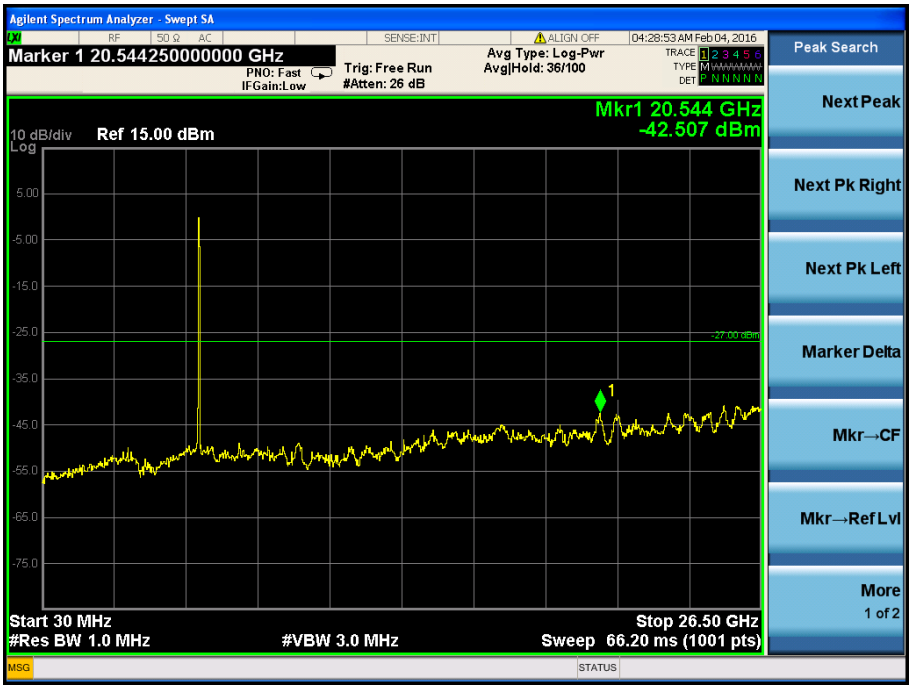
5700MHz

5745MHz



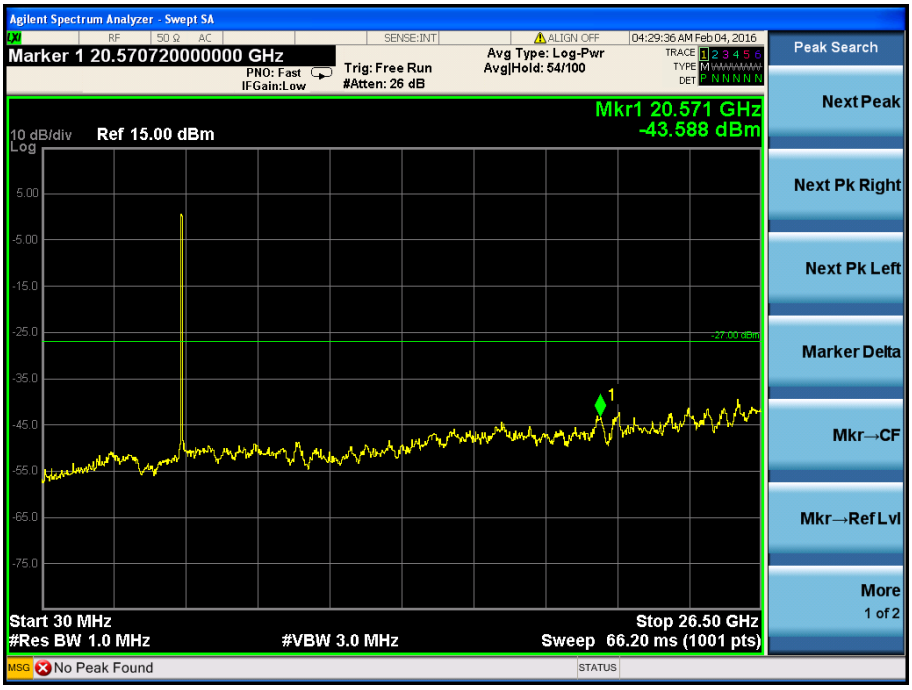
5785MHz

5805MHz

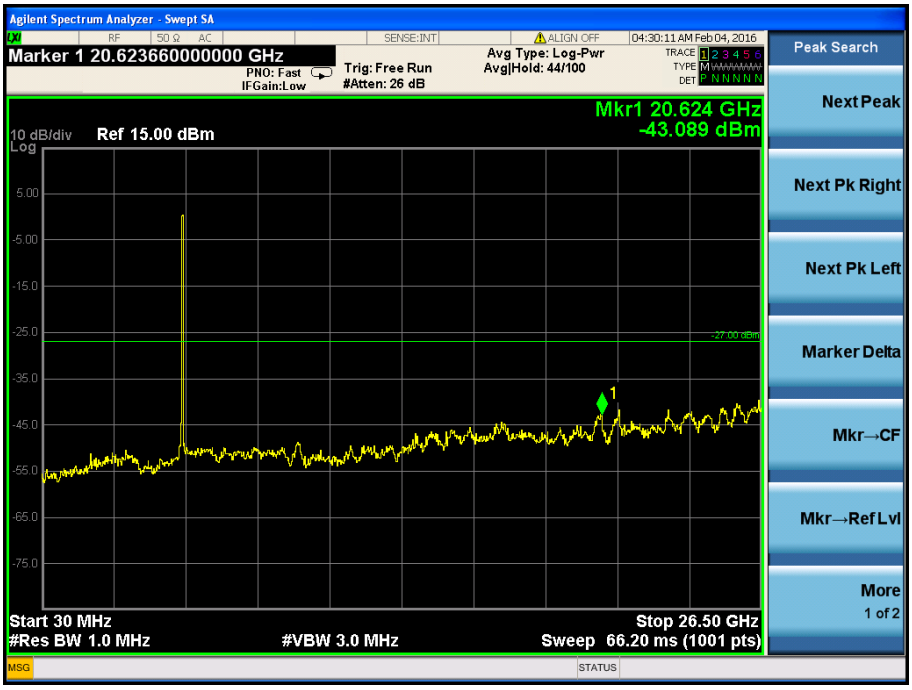


Test Mode: 802.11n-HT20

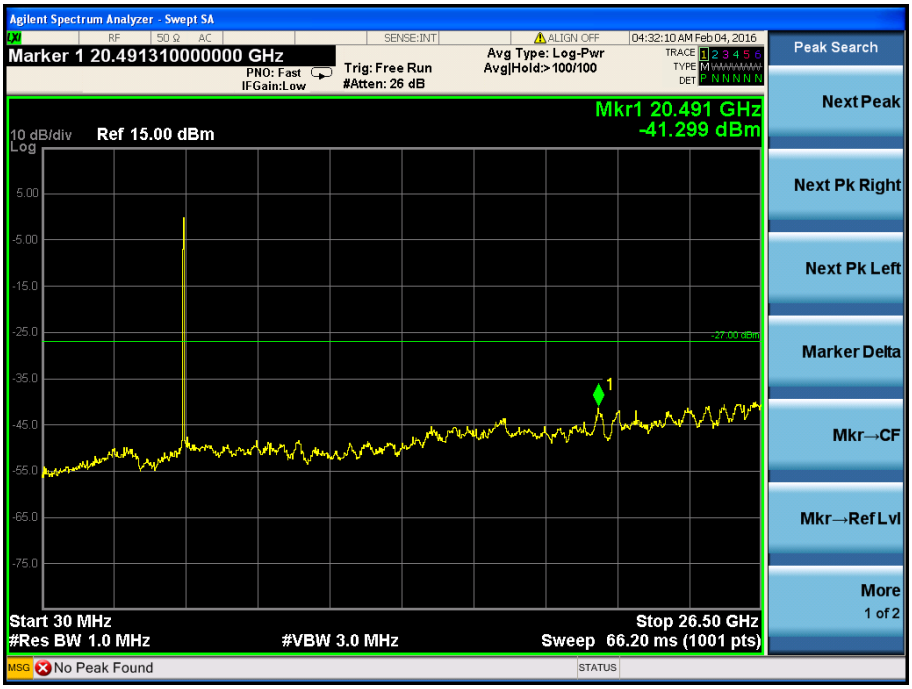
5180MHz



5200MHz

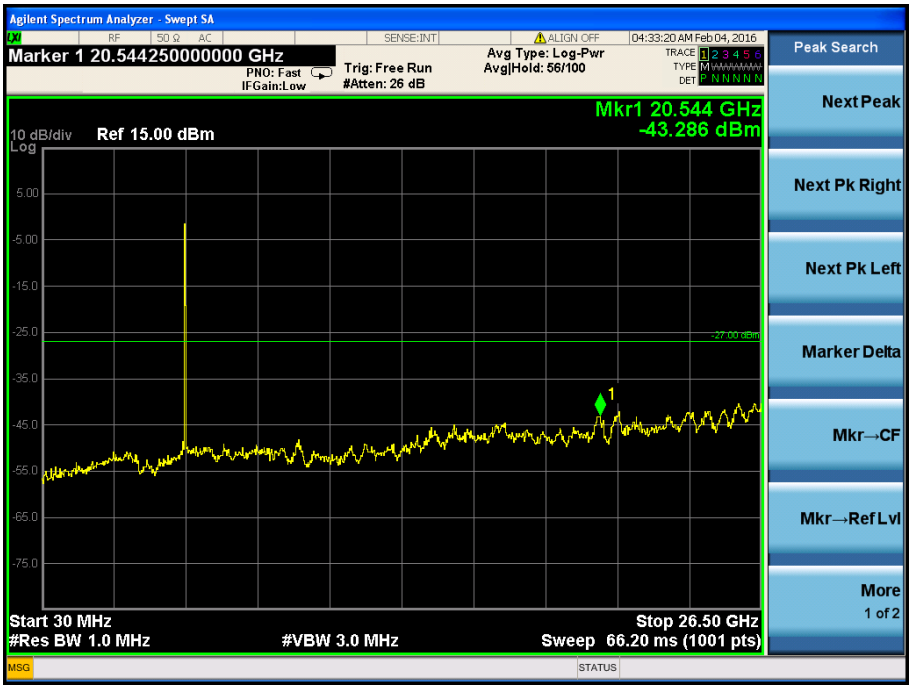


5240MHz

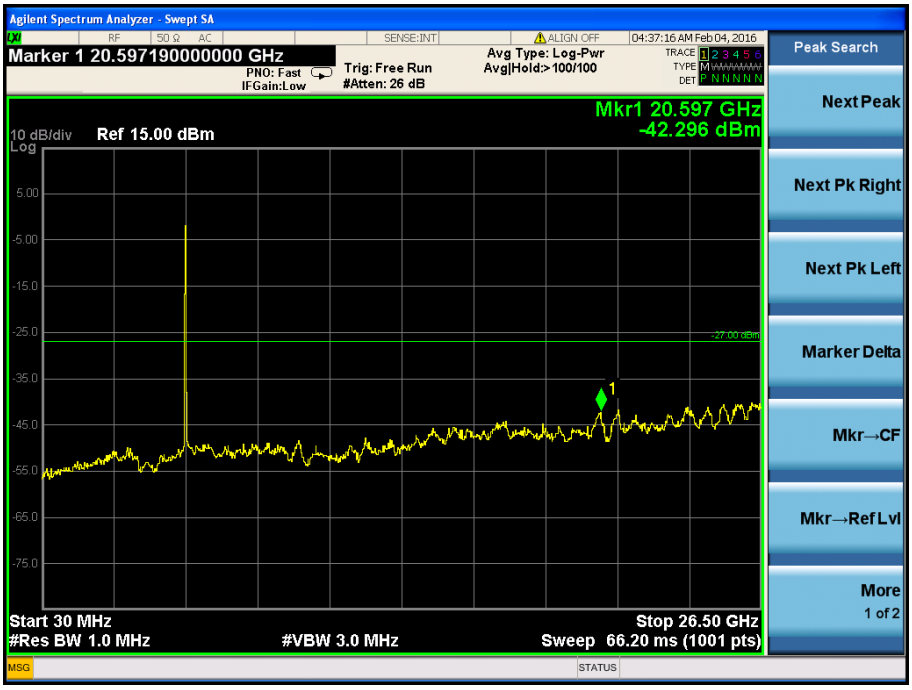


5260MHz

5300MHz

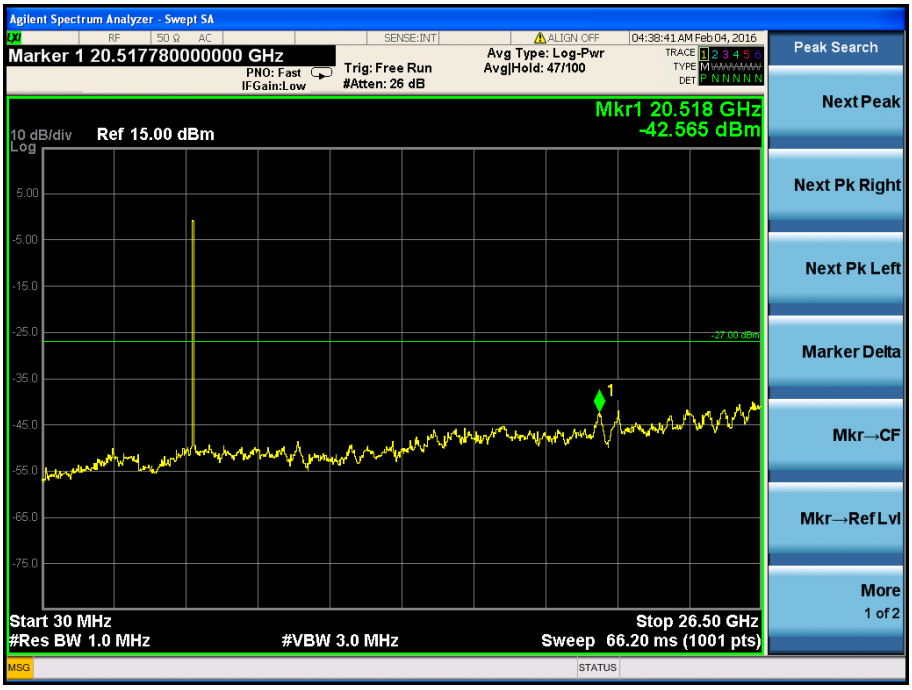


5320MHz



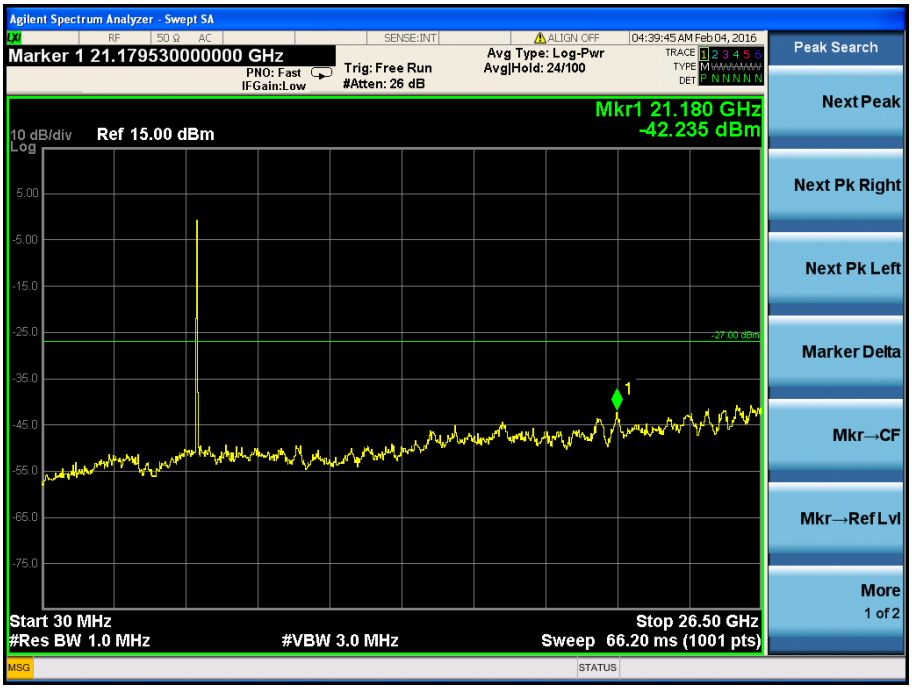
5500MHz

5600MHz



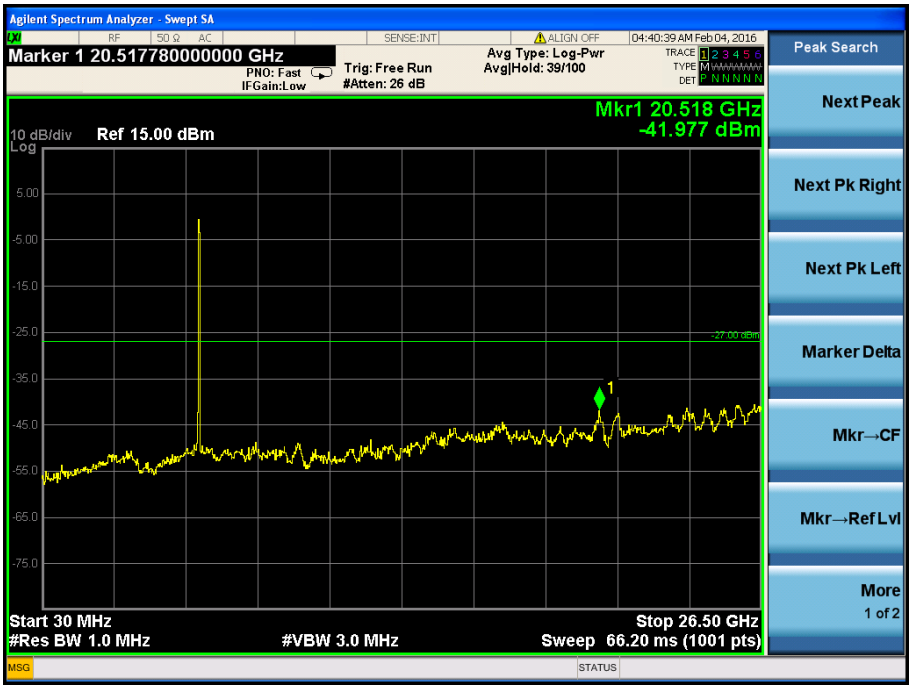
5700MHz

5745MHz



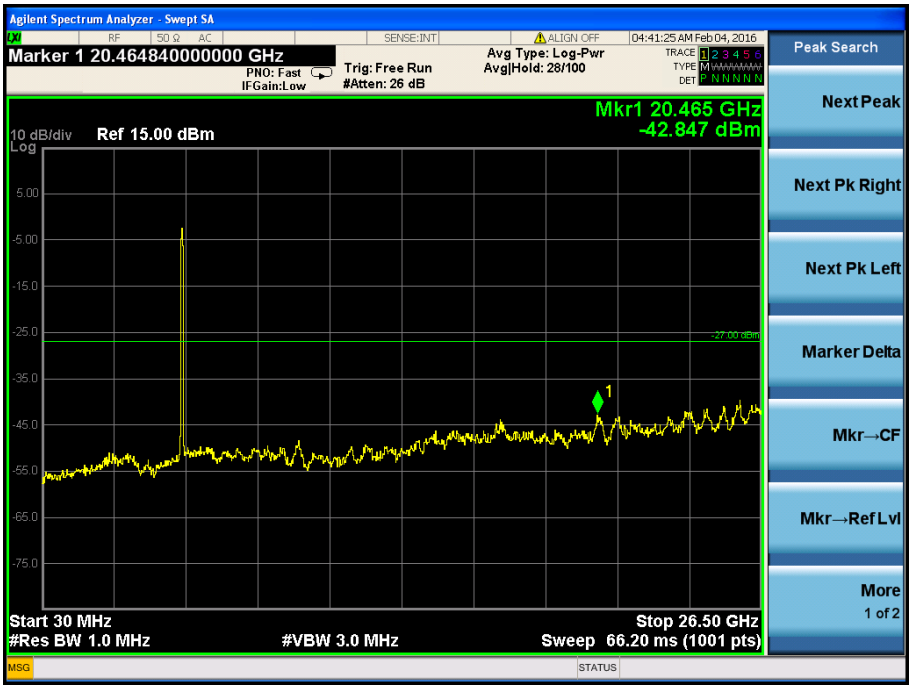
5785MHz

5805MHz

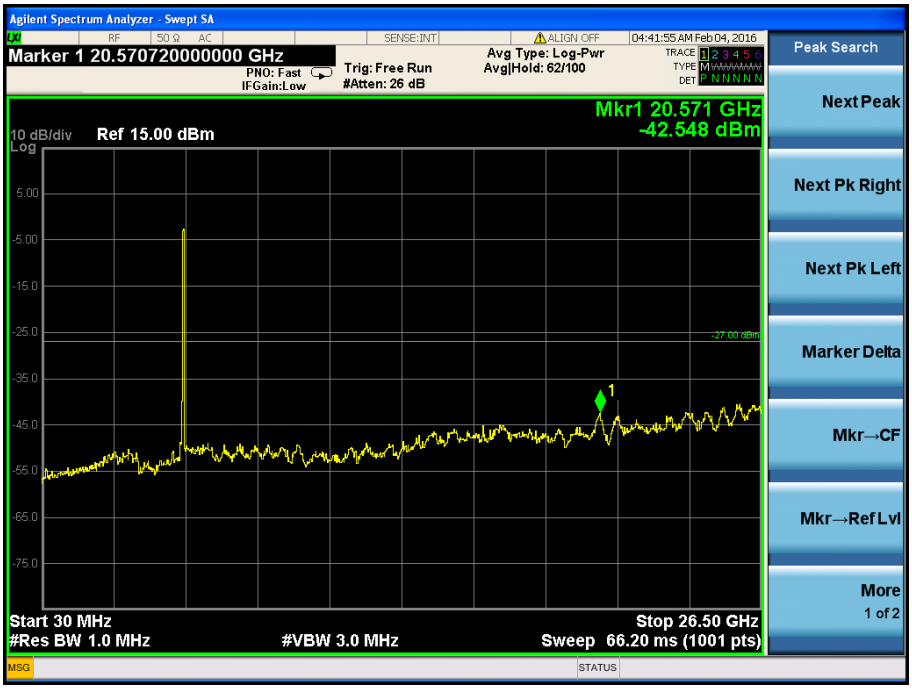


Test Mode: 802.11n-HT40

5190MHz

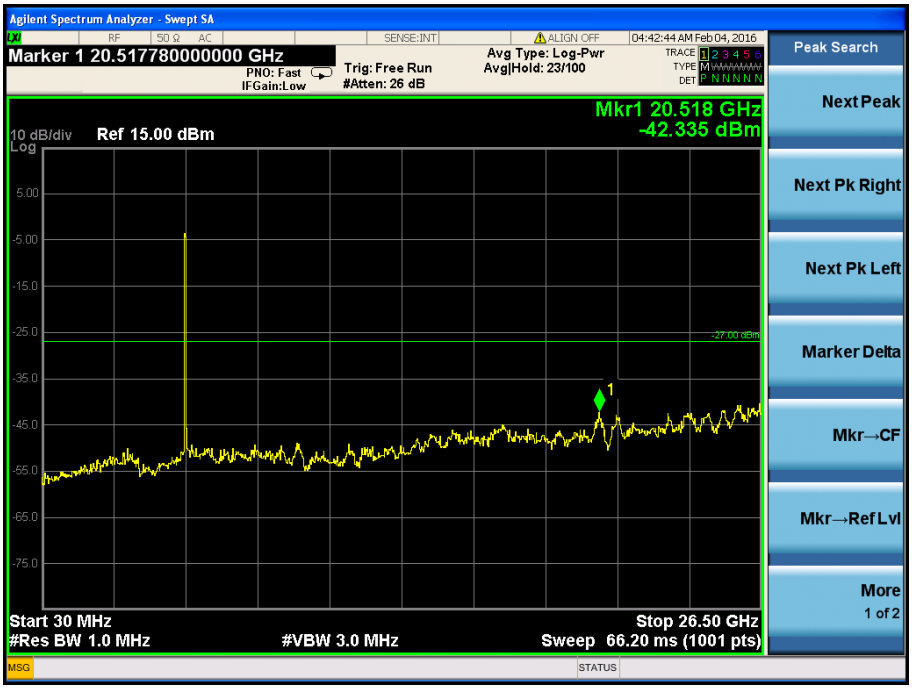


5230MHz



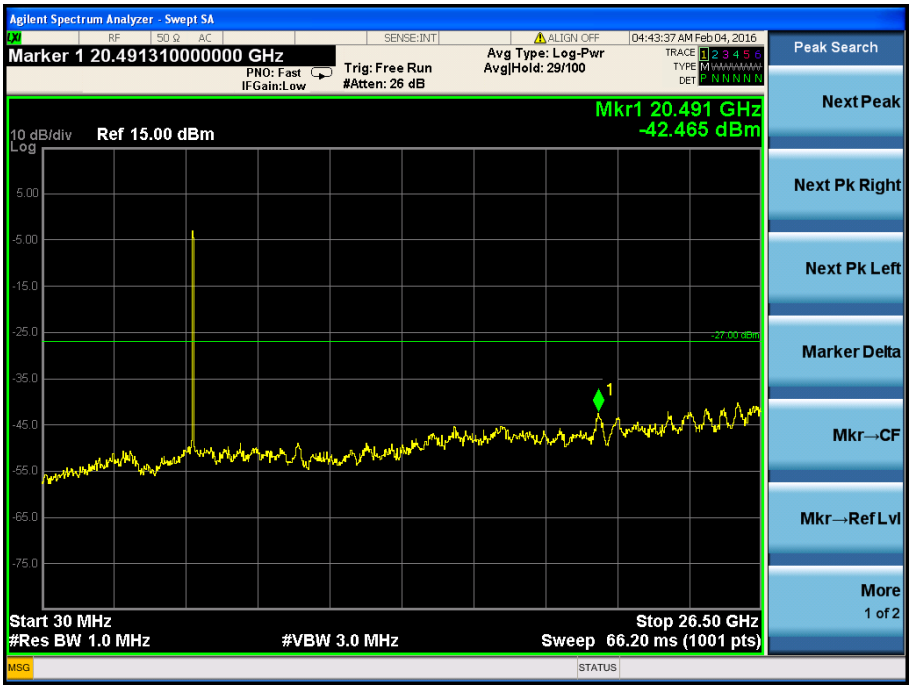
5270MHz

5310MHz



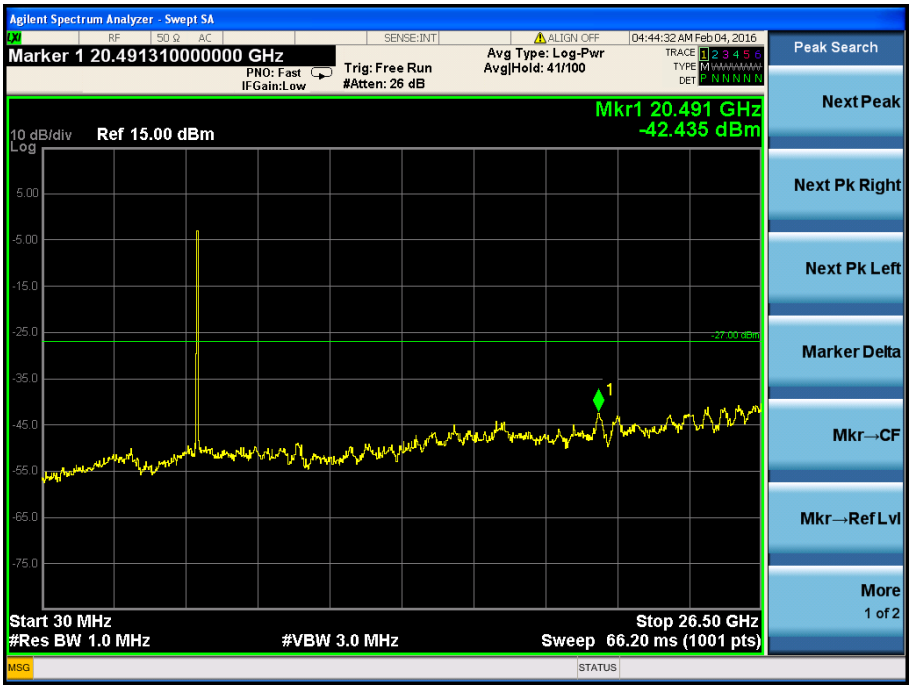
5510MHz

5590MHz

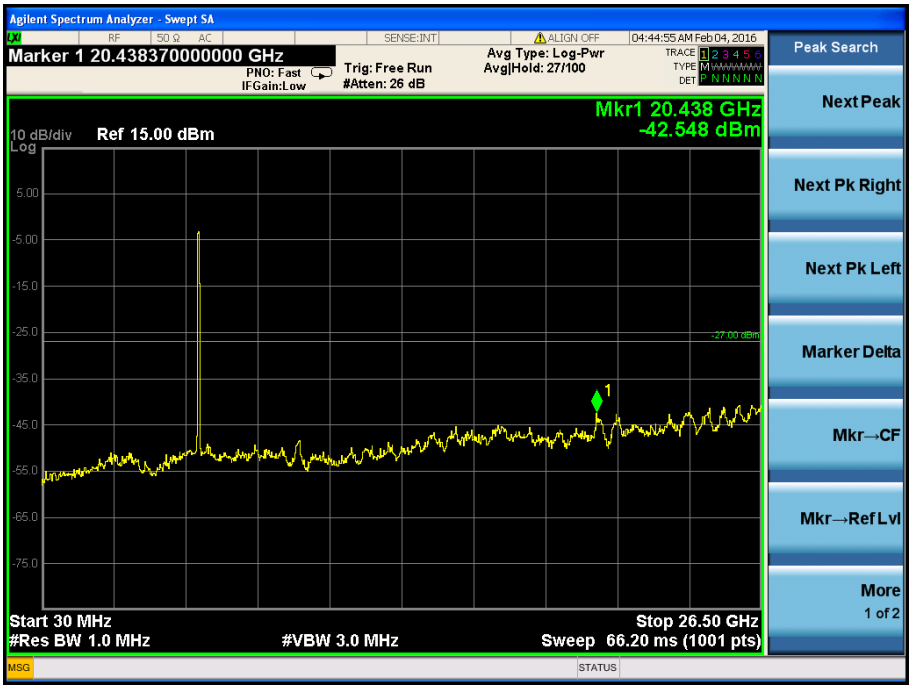


5670MHz

5755MHz



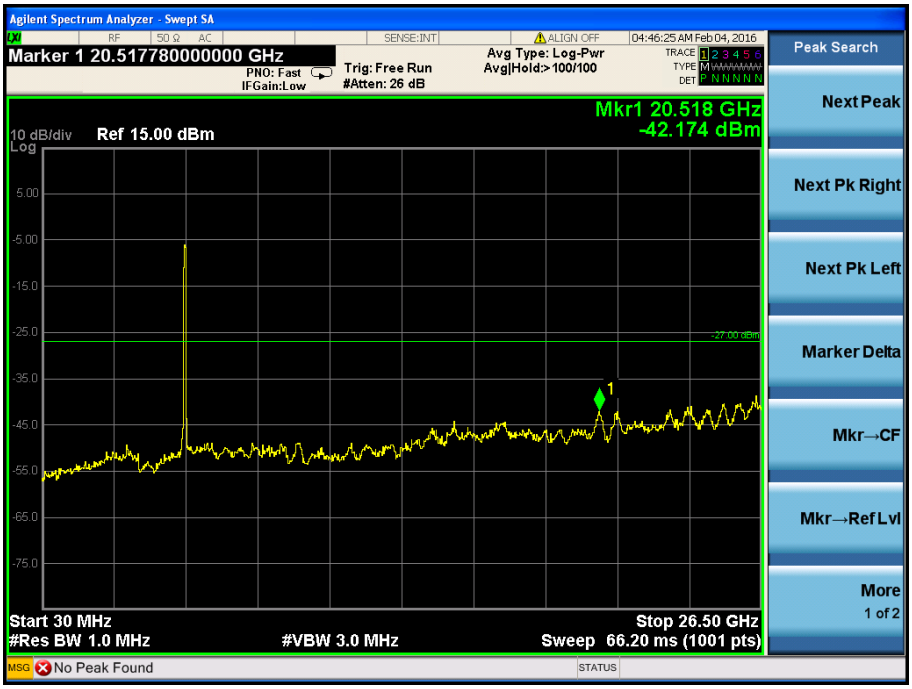
5795MHz



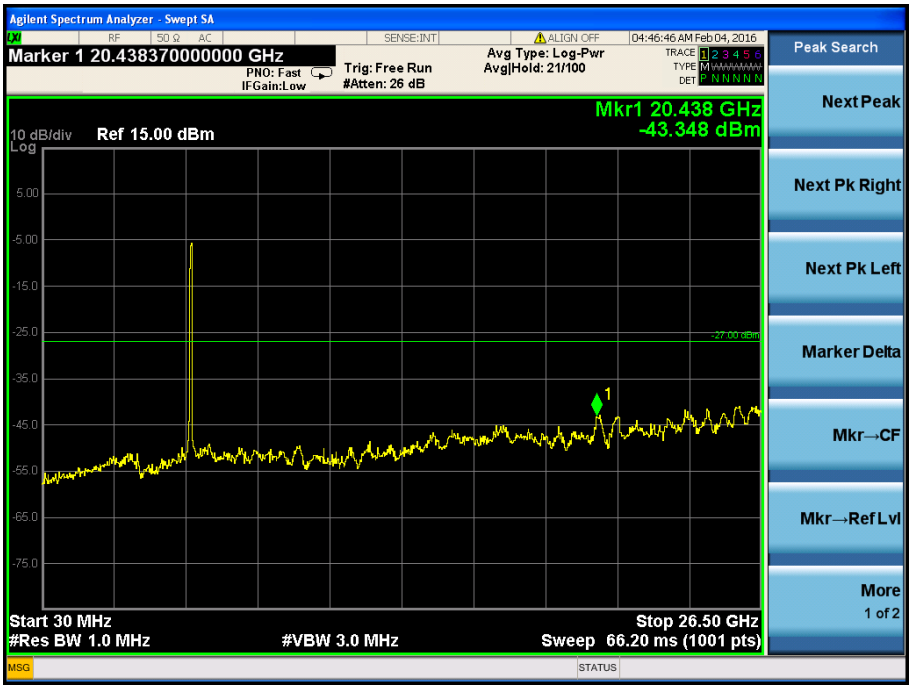
Test Mode: 802.11ac-HT80

5210MHz

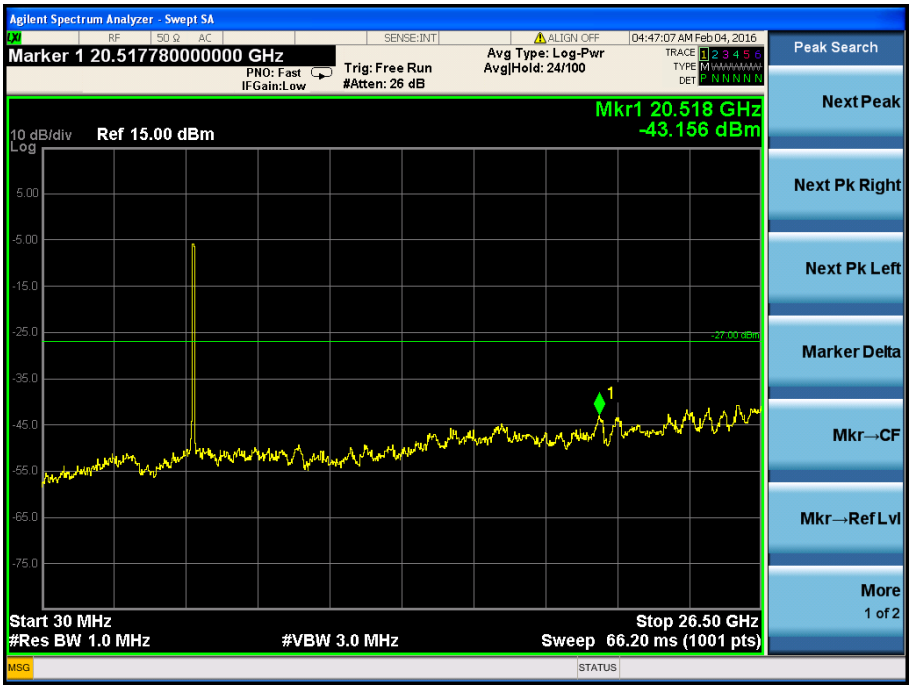
5290MHz



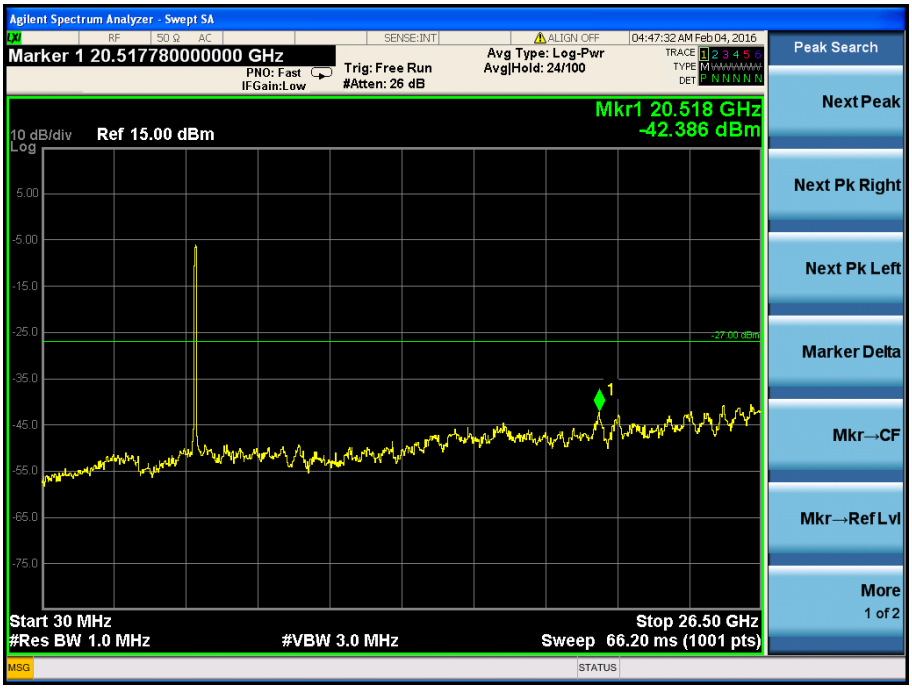
5530MHz



5610MHz



5690MHz



5775MHz

10. Radiated Spurious Emissions

10.1 Measurement Uncertainty

Based on NIS 81, The Treatment of Uncertainty in EMC Measurements, the best estimate of the uncertainty of a radiation emissions measurement is ±5.10 dB.

10.2 Standard Applicable

According to §15.407(b)(6), Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in §15.207.
According to §15.407(b)(7), The provisions of §15.205 apply to intentional radiators operating under this section.
789033 D02 General UNII Test Procedures New Rules v01
If radiated measurements are performed, field strength is then converted to EIRP as follows:

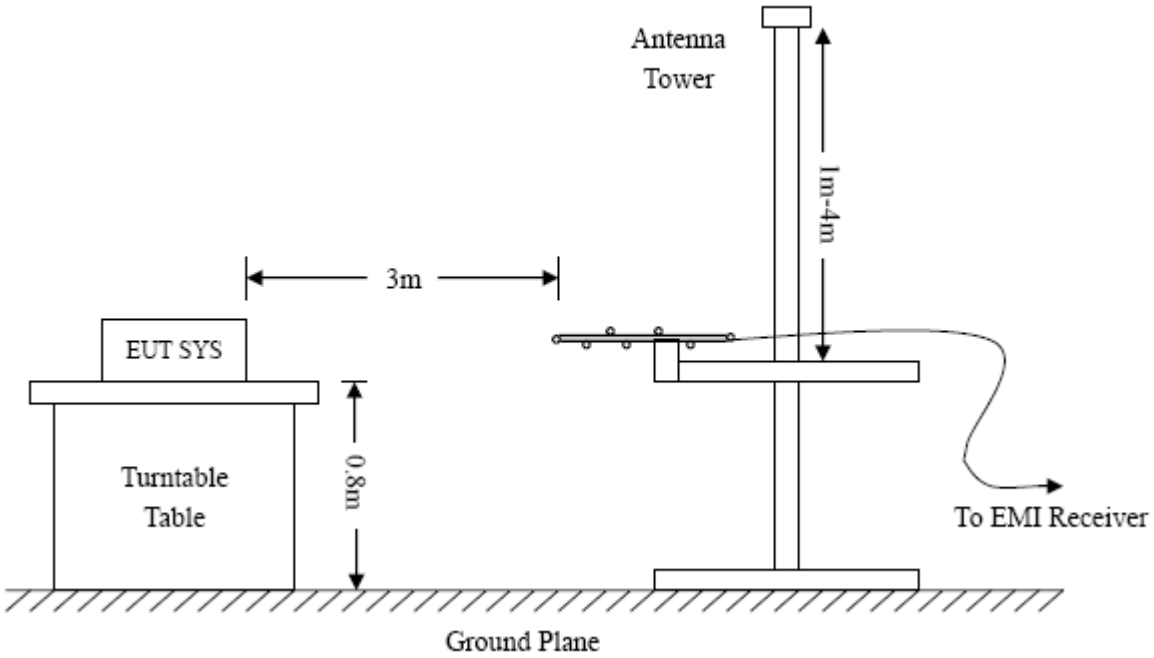
EIRP = ((E*d)^2) / 30

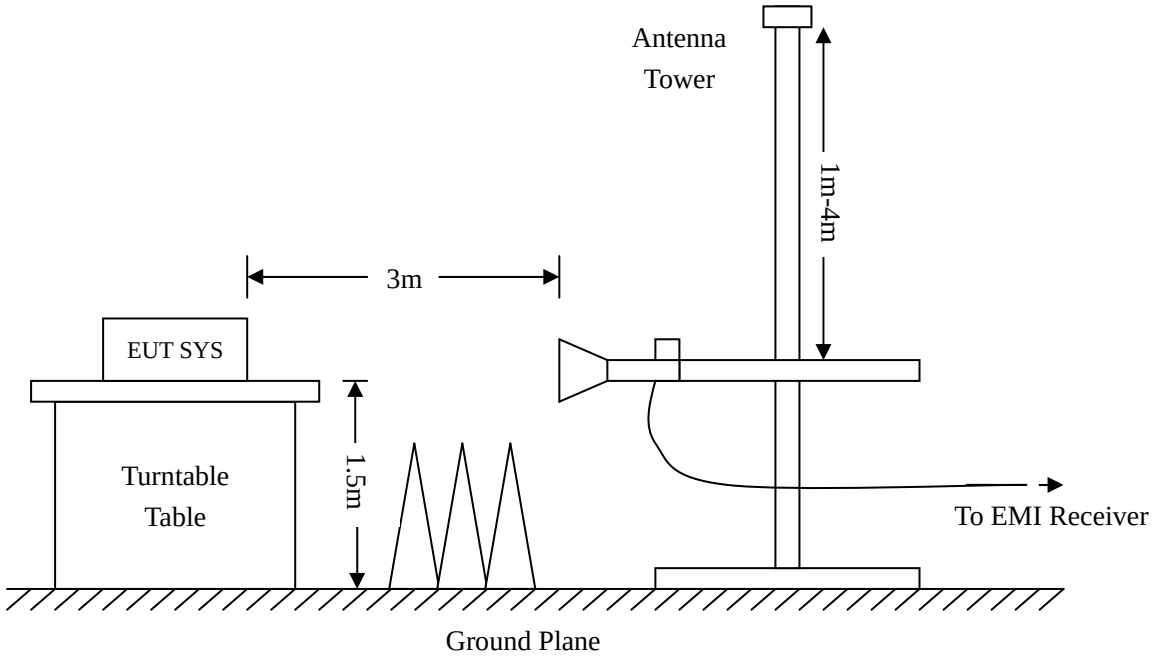
where:

- E is the field strength in V/m;
- d is the measurement distance in meters;
- EIRP is the equivalent isotropically radiated power in watts.

10.3 Test Procedure

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.205 15.407(b)(6) and FCC Part 15.209 Limit..
The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.
The spacing between the peripherals was 10 cm.





10.4 Test Receiver Setup

During the radiated emission test for above 1GHz, the test receiver was set with the following configurations:

For peak detector:
RBW = 1000kHz, VBW = 3000kHz, Sweep Time = Auto

For average detector:
RBW = 1000kHz, VBW = 10Hz, Sweep Time = Auto

10.5 Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated adding the Antenna Factor and the Cable Factor, and subtracting the Amplifier Gain from the Amplitude reading. The basic equation is as follows:

Corr. Ampl. = Indicated Reading + Ant. Factor + Cable Loss – Ampl. Gain

The "**Margin**" column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -6dBμV means the emission is 6dBμV below the maximum limit. The equation for margin calculation is as follows:

Margin = Corr. Ampl. – FCC Part 15 Limit

10.6 Environmental Conditions

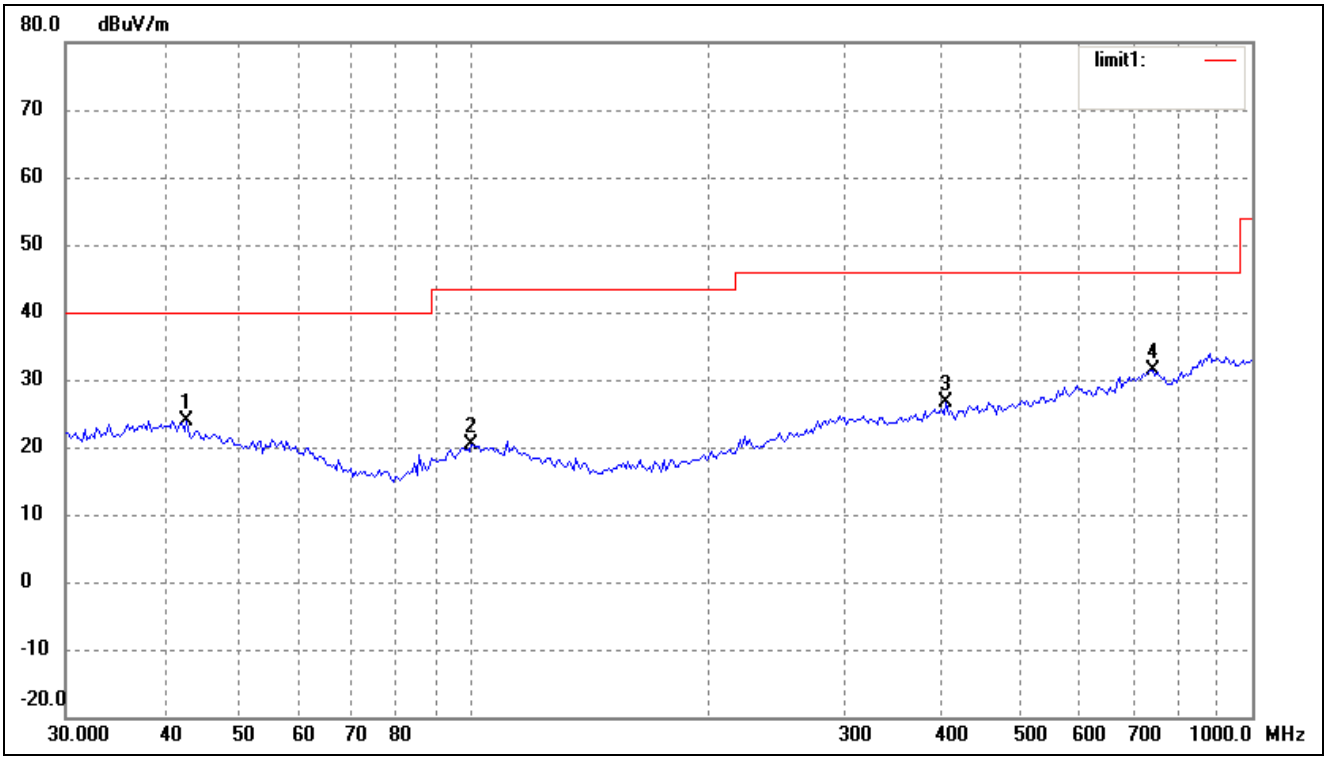
Temperature:	22° C
Relative Humidity:	52%
ATM Pressure:	1012 mbar

10.7 Summary of Test Results/Plots

According to the data below, the FCC Part 15.205, 15.209 and 15.407(b)(6) standards, and had the worst margin of:

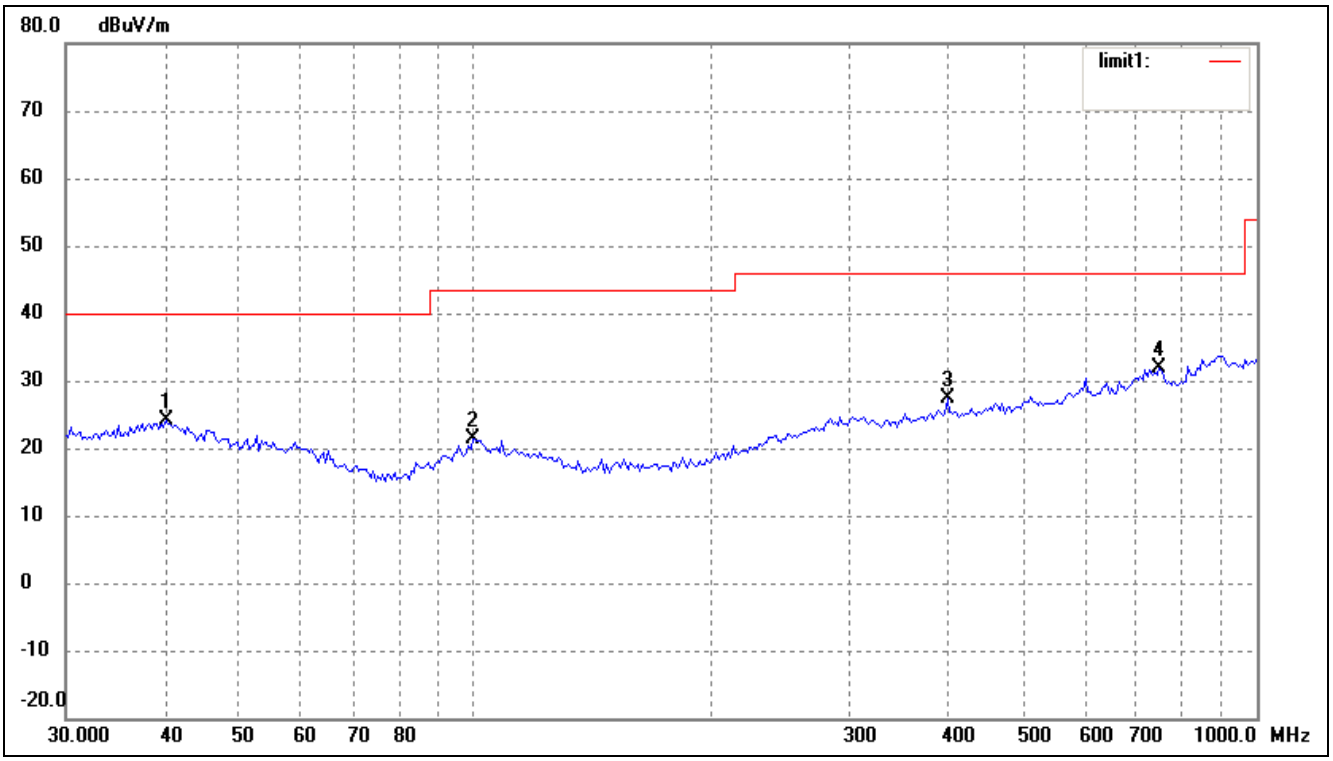
Note: *this EUT was tested in 3 orthogonal positions and the worst case position data was reported.*

For 802.11a
Spurious Emission From 30 MHz to 1 GHz
Test mode: Transmitting Channel 5180MHz
Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	42.8998	15.54	8.38	23.92	40.00	-16.08	114	100	peak
2	99.5281	14.42	6.01	20.43	43.50	-23.07	270	100	peak
3	404.6665	16.56	9.96	26.52	46.00	-19.48	360	100	peak
4	744.8661	16.07	15.33	31.40	46.00	-14.60	116	100	peak

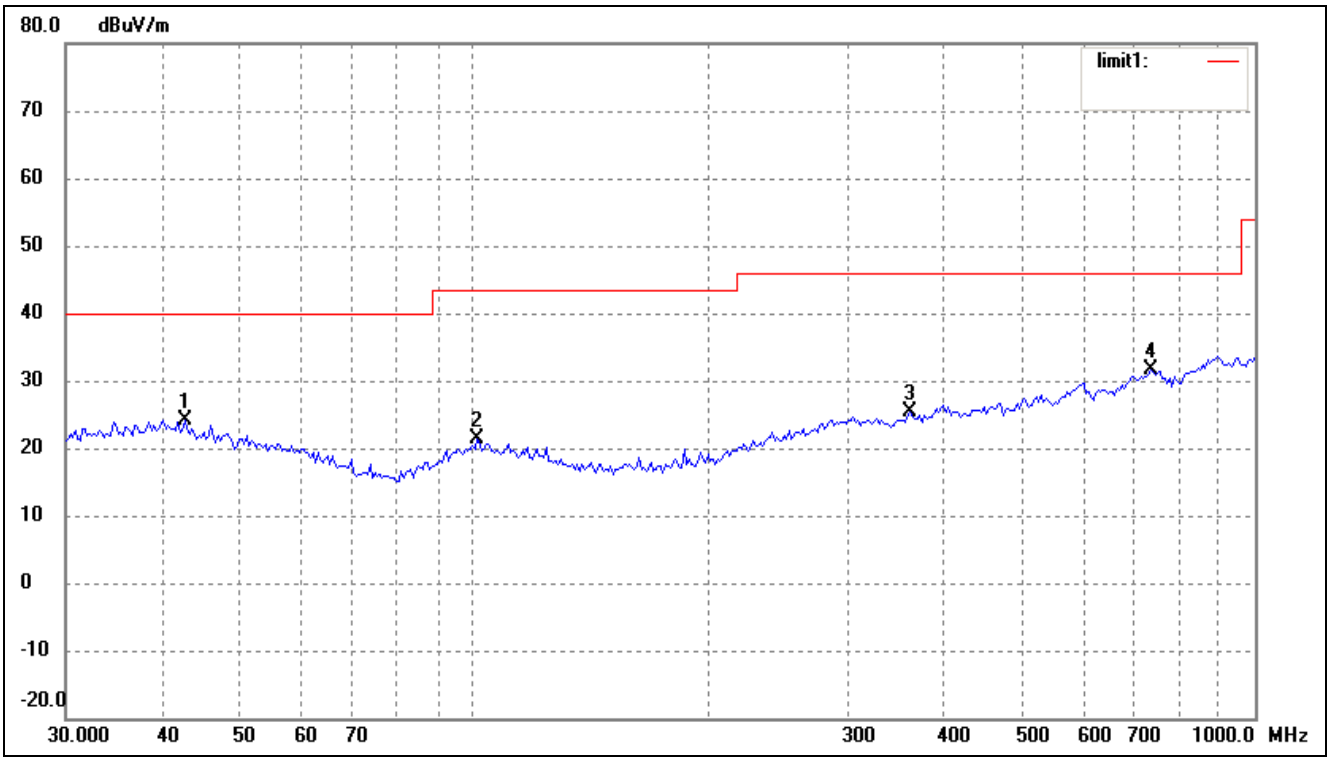
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	40.2757	14.85	9.17	24.02	40.00	-15.98	178	100	peak
2	99.5281	15.34	6.01	21.35	43.50	-22.15	224	100	peak
3	401.8385	17.34	10.06	27.40	46.00	-18.60	160	100	peak
4	750.1083	16.70	15.09	31.79	46.00	-14.21	290	100	peak

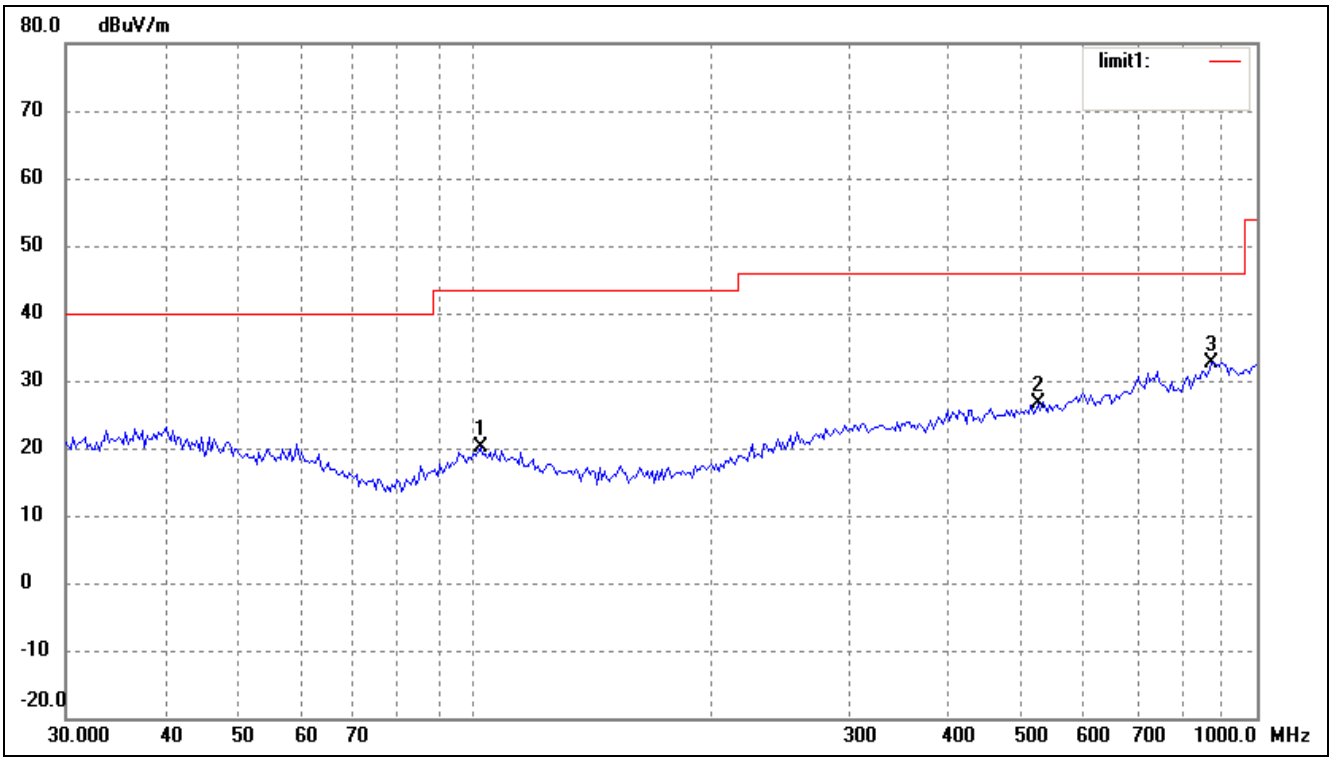
Test mode: Transmitting Channel 5200MHz

Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	42.6000	15.76	8.47	24.23	40.00	-15.77	256	100	peak
2	100.9339	15.43	6.03	21.46	43.50	-22.04	360	100	peak
3	361.7139	16.18	9.24	25.42	46.00	-20.58	360	100	peak
4	734.4913	16.40	15.22	31.62	46.00	-14.38	360	100	peak

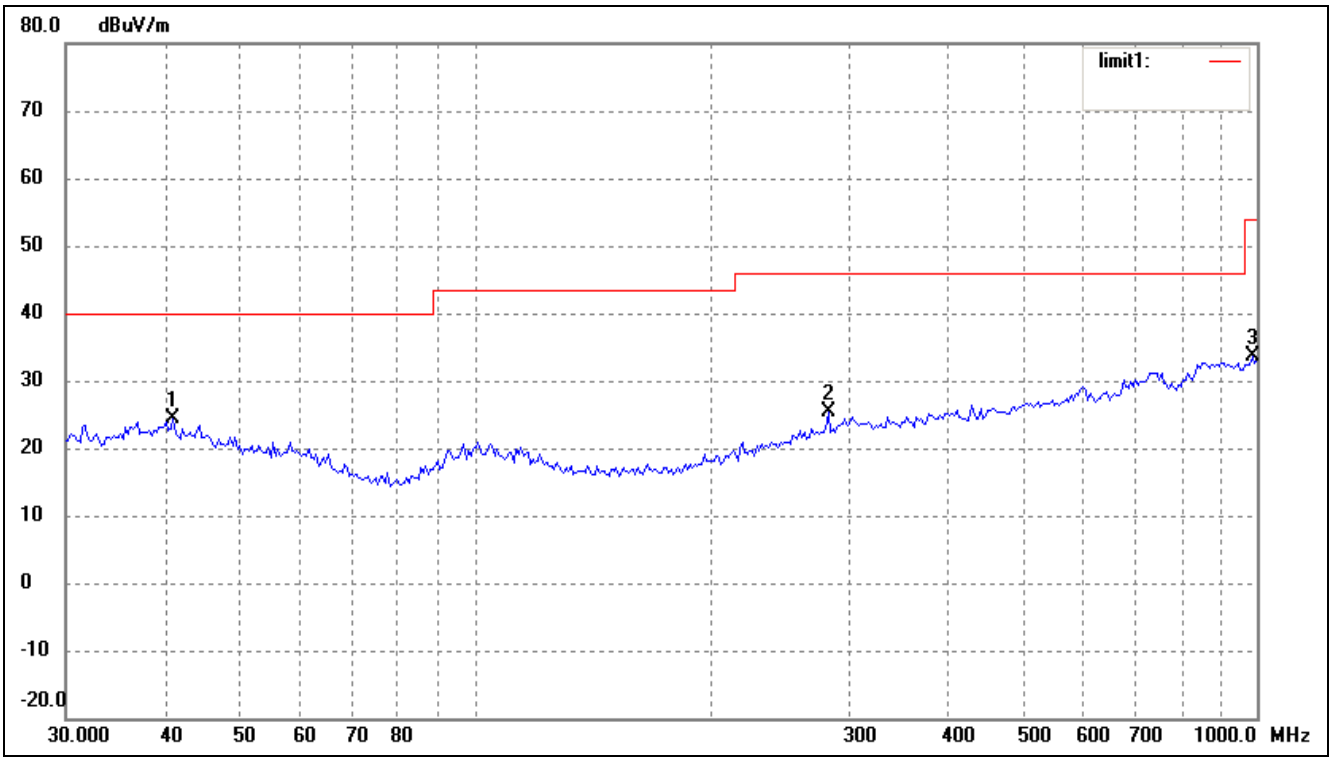
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	101.6443	14.15	5.95	20.10	43.50	-23.40	176	100	peak
2	524.5541	15.21	11.36	26.57	46.00	-19.43	255	100	peak
3	875.2470	16.03	16.70	32.73	46.00	-13.27	360	100	peak

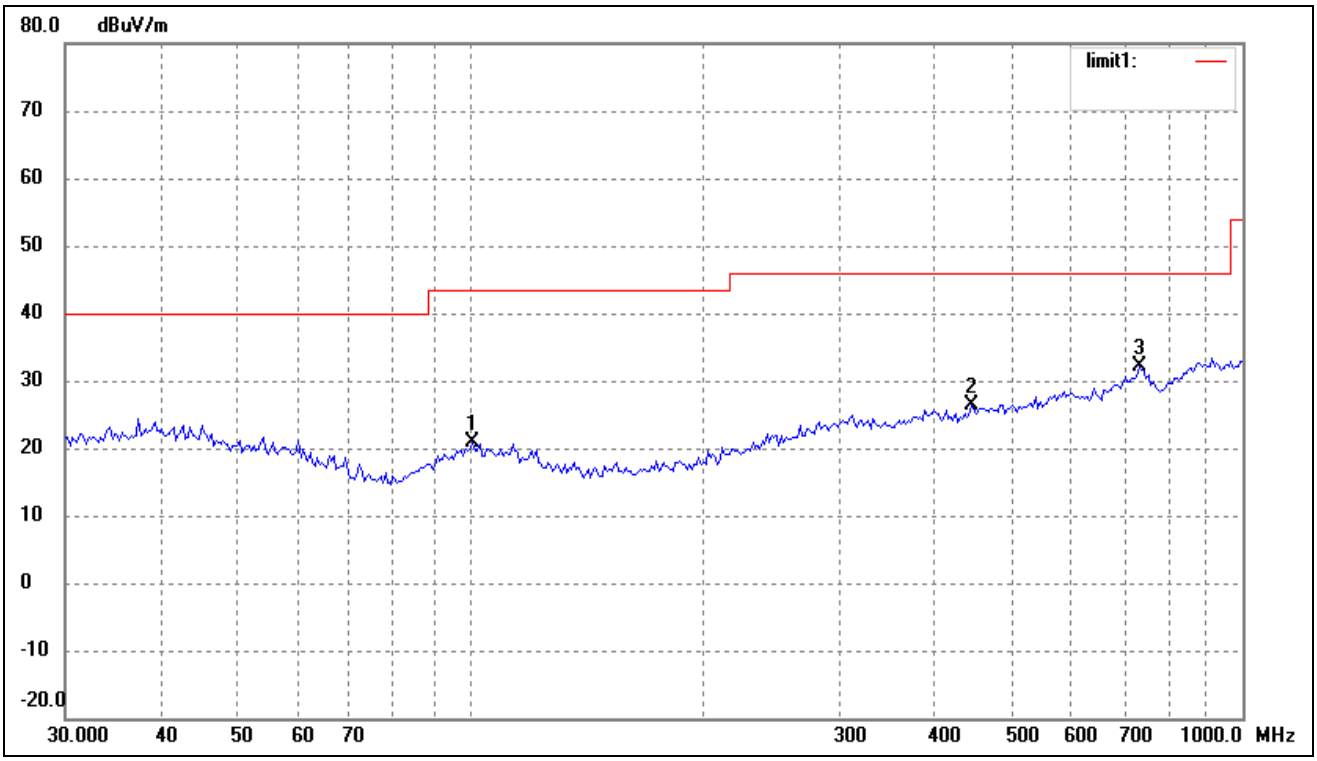
Test mode: Transmitting Channel 5240MHz

Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	41.1320	15.58	8.91	24.49	40.00	-15.51	323	100	peak
2	282.9852	16.87	8.51	25.38	46.00	-20.62	147	100	peak
3	986.0717	16.79	16.90	33.69	54.00	-20.31	159	100	peak

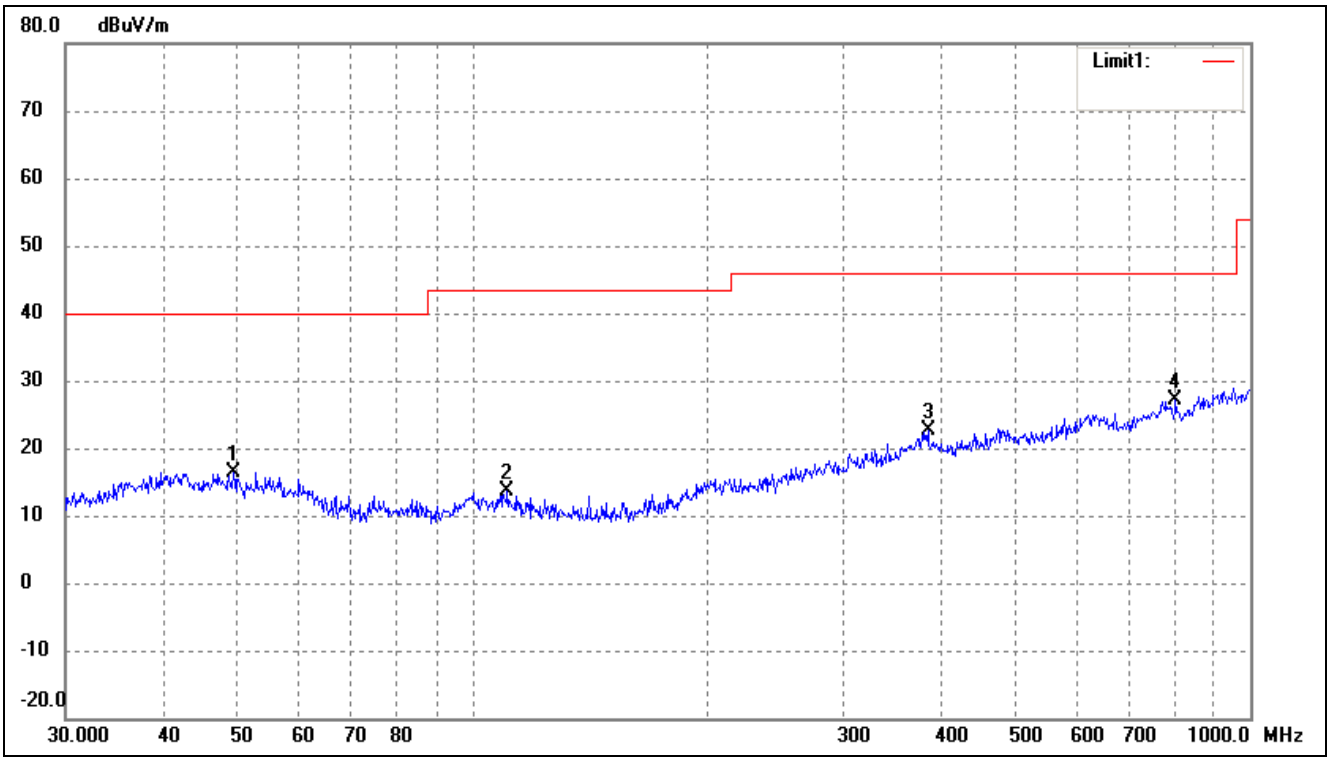
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	100.9340	14.78	6.03	20.81	43.50	-22.69	171	100	peak
2	446.4141	16.14	10.19	26.33	46.00	-19.67	189	100	peak
3	734.4913	16.85	15.22	32.07	46.00	-13.93	163	100	peak

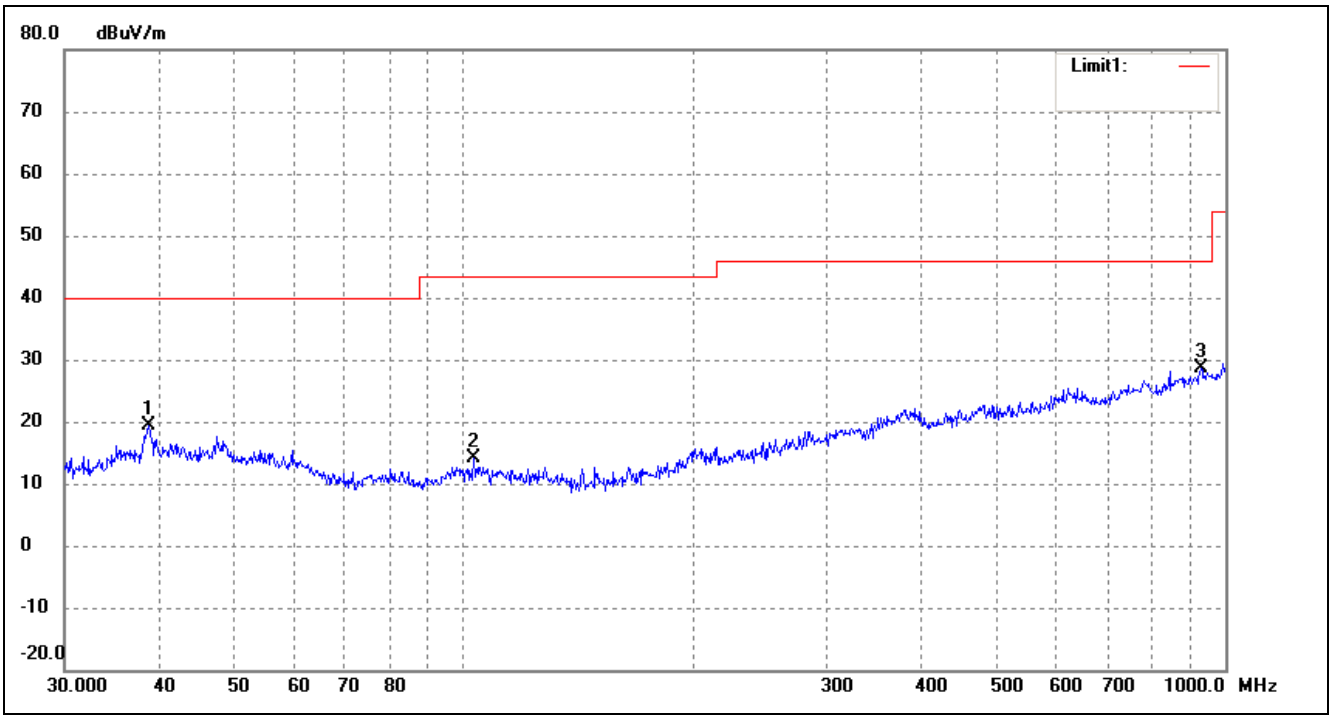
Test mode: Transmitting Channel 5260MHz

Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	49.3594	24.75	-8.28	16.47	40.00	-23.53	214	100	peak
2	110.9571	24.78	-11.19	13.59	43.50	-29.91	347	100	peak
3	385.2805	25.06	-2.38	22.68	46.00	-23.32	251	100	peak
4	801.7863	25.35	1.87	27.22	46.00	-18.78	136	100	peak

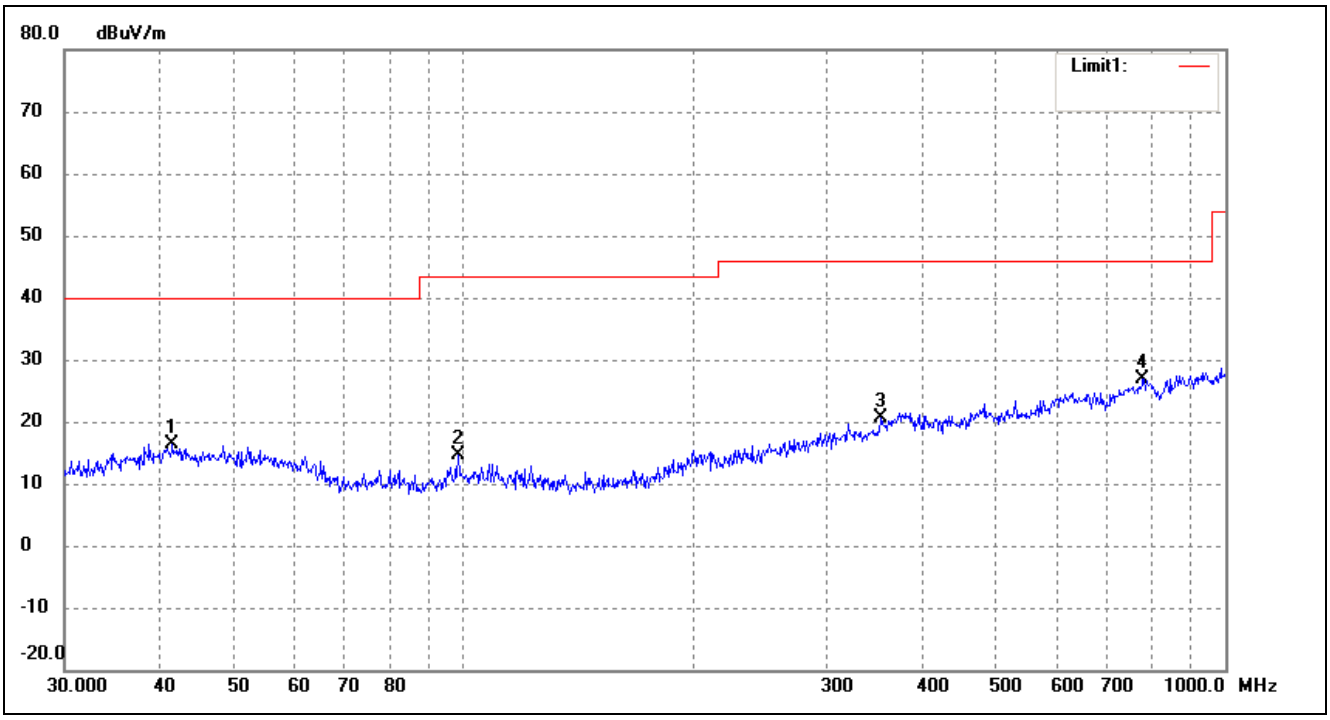
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	38.6161	27.35	-8.05	19.30	40.00	-20.70	149	100	peak
2	103.0800	25.08	-10.97	14.11	43.50	-29.39	169	100	peak
3	929.0082	24.75	3.94	28.69	46.00	-17.31	156	100	peak

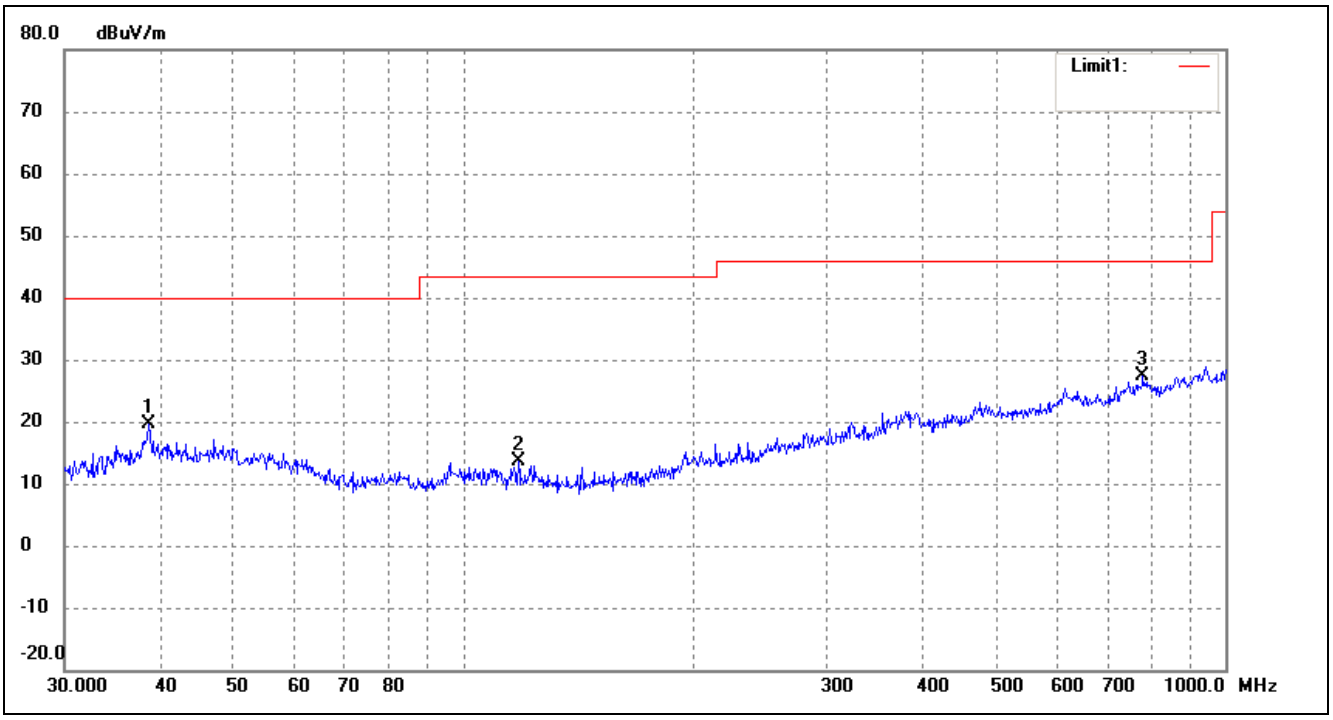
Test mode: Transmitting Channel 5300MHz

Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	41.5670	24.05	-7.77	16.28	40.00	-23.72	216	100	peak
2	98.4866	25.73	-11.21	14.52	43.50	-28.98	147	100	peak
3	352.9433	24.40	-3.86	20.54	46.00	-25.46	136	100	peak
4	779.6068	24.08	2.88	26.96	46.00	-19.04	258	100	peak

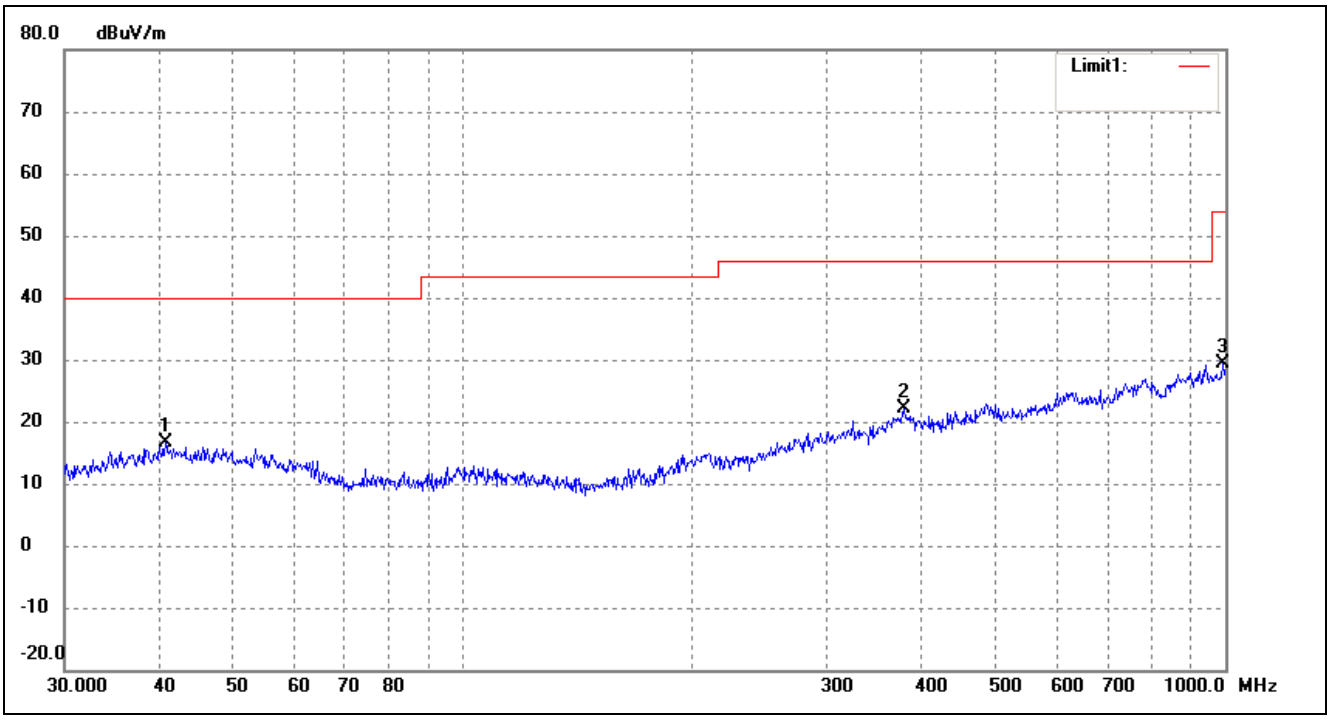
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	38.6160	27.72	-8.05	19.67	40.00	-20.33	169	100	peak
2	118.1862	24.89	-11.38	13.51	43.50	-29.99	126	100	peak
3	779.6068	24.47	2.88	27.35	46.00	-18.65	133	100	peak

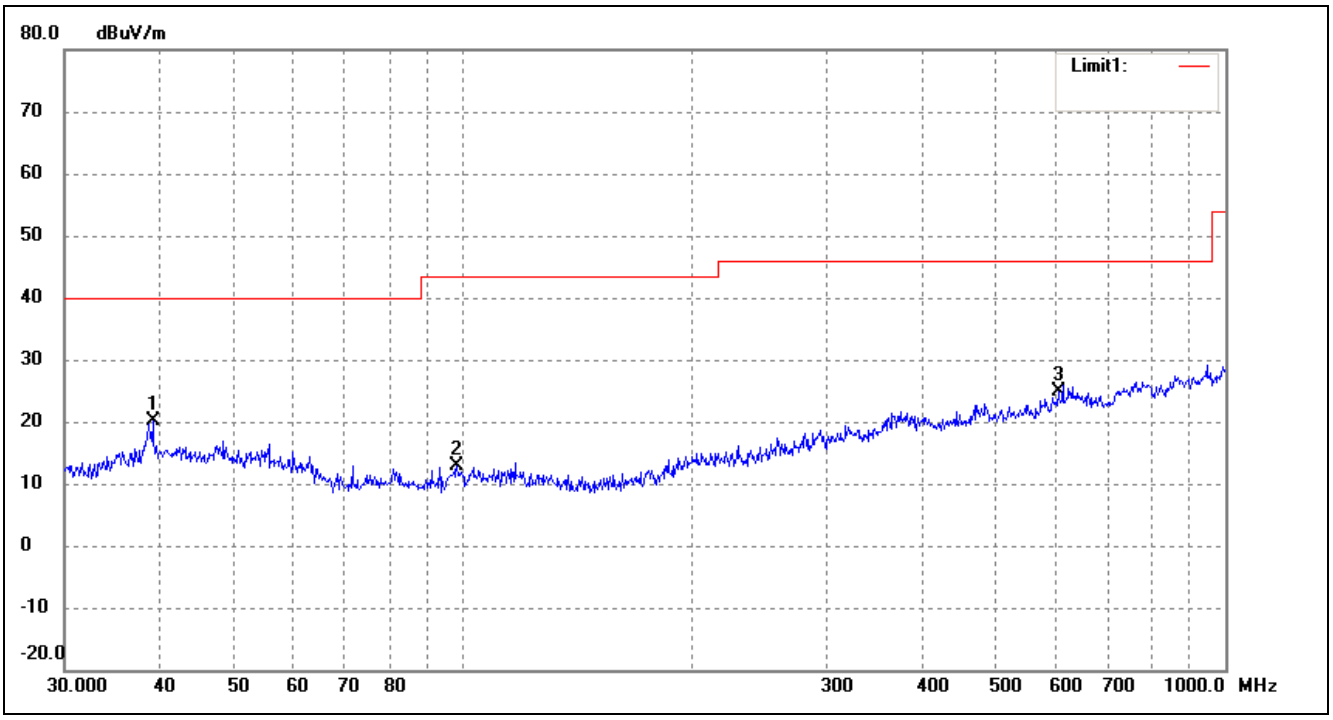
Test mode: Transmitting Channel 5320MHz

Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	40.7016	24.40	-7.71	16.69	40.00	-23.31	164	100	peak
2	378.5843	24.37	-2.17	22.20	46.00	-23.80	137	100	peak
3	993.0114	24.94	4.49	29.43	54.00	-24.57	189	100	peak

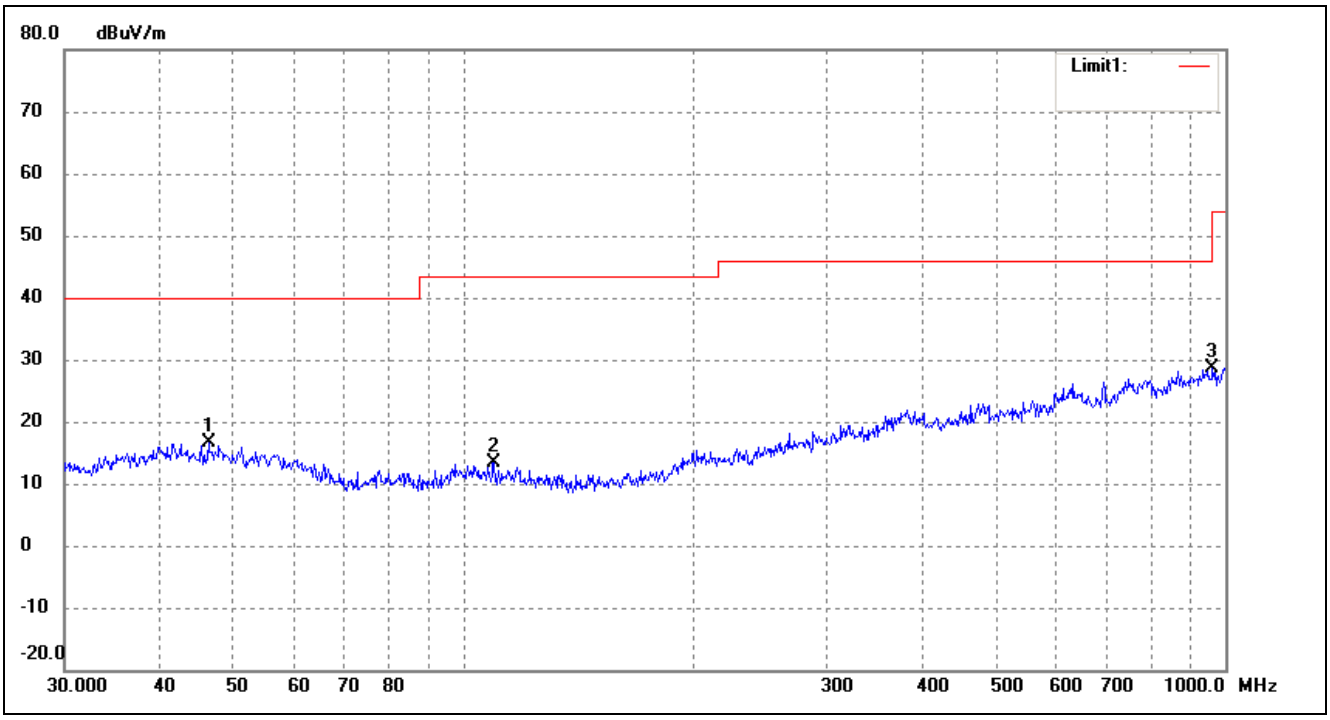
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	39.1616	27.94	-7.90	20.04	40.00	-19.96	147	100	peak
2	98.1419	24.10	-11.28	12.82	43.50	-30.68	214	100	peak
3	603.5392	24.89	0.10	24.99	46.00	-21.01	196	100	peak

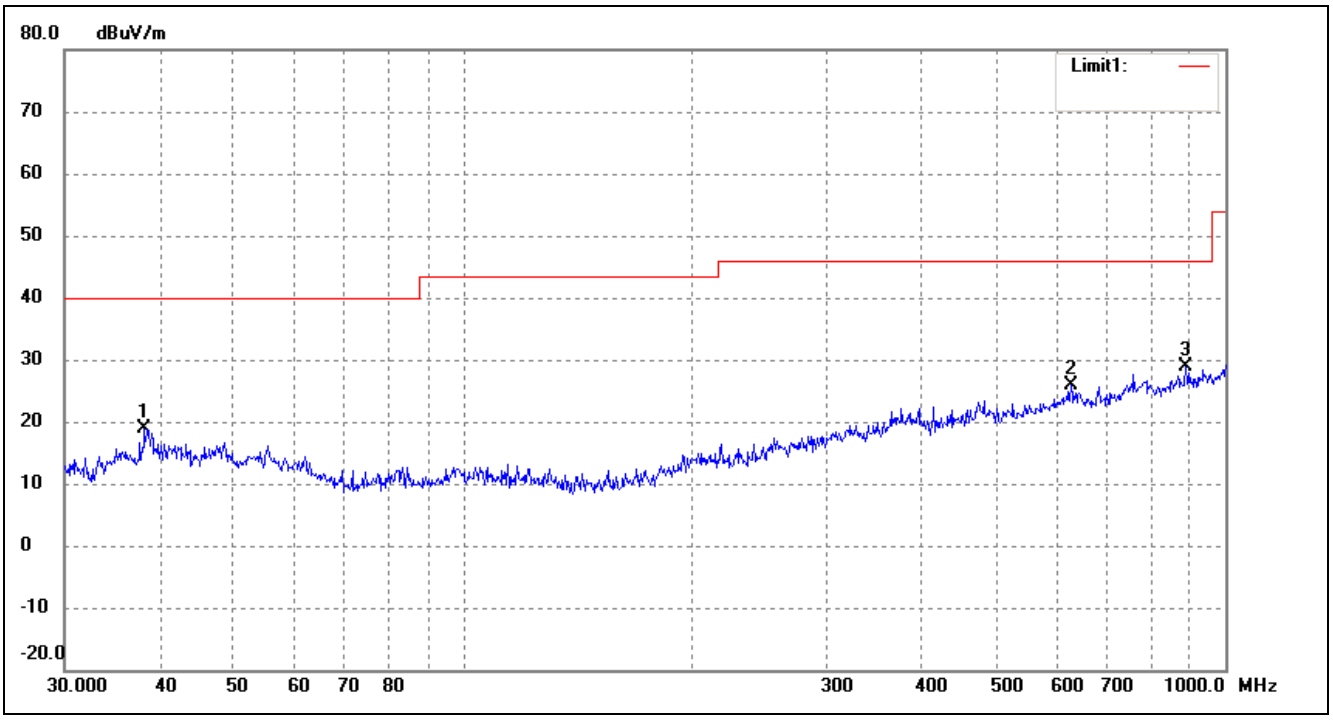
Test mode: Transmitting Channel 5500MHz

Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	46.3402	24.63	-8.08	16.55	40.00	-23.45	137	100	peak
2	109.7960	24.65	-11.16	13.49	43.50	-30.01	169	100	peak
3	962.1623	25.01	3.61	28.62	54.00	-25.38	188	100	peak

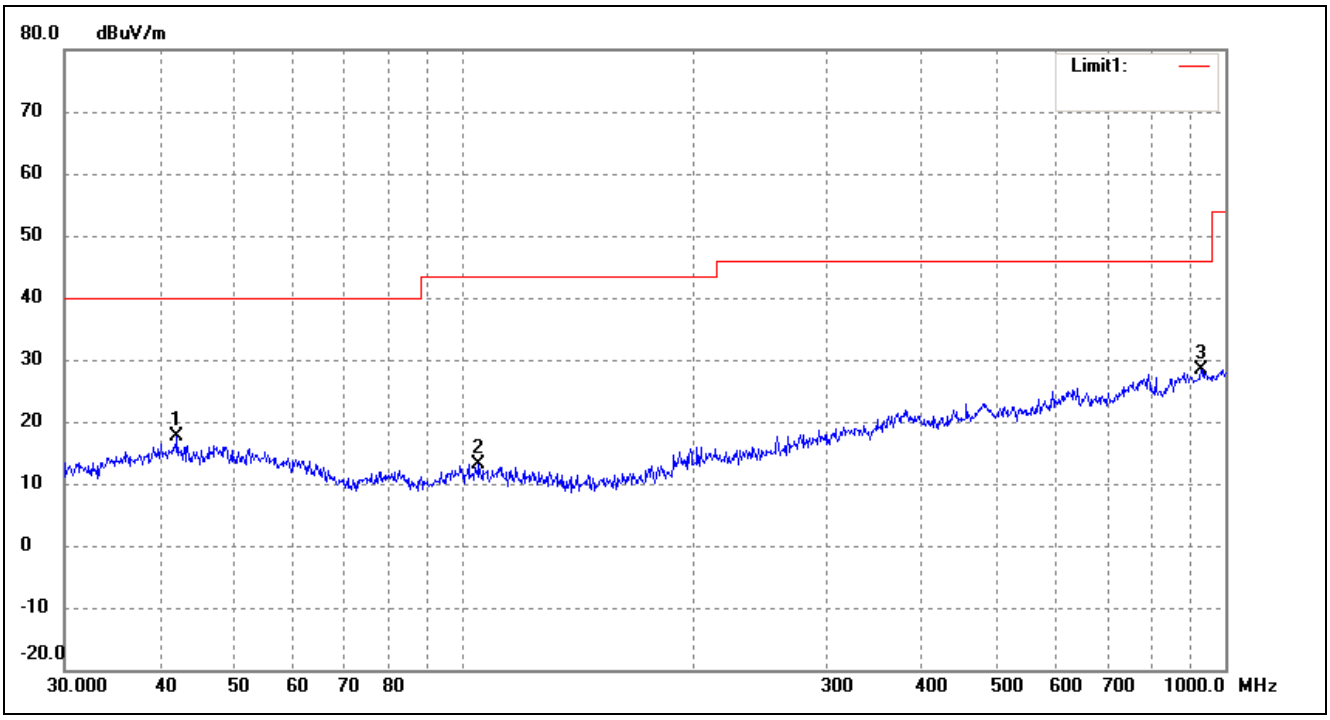
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	38.2120	27.07	-8.16	18.91	40.00	-21.09	151	100	peak
2	627.2738	24.72	1.05	25.77	46.00	-20.23	163	100	peak
3	887.6099	25.80	3.15	28.95	46.00	-17.05	184	100	peak

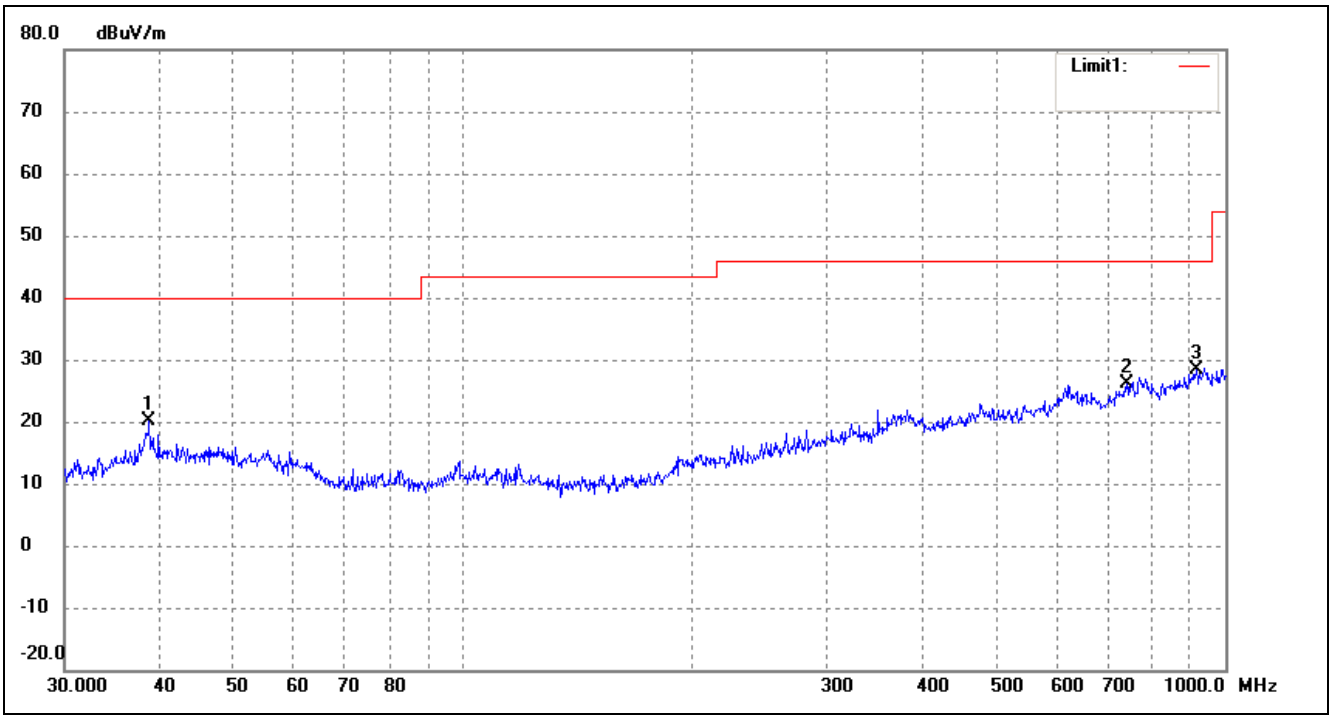
Test mode: Transmitting Channel 5600MHz

Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	42.1542	25.36	-7.81	17.55	40.00	-22.45	177	100	peak
2	104.9033	24.21	-11.03	13.18	43.50	-30.32	236	100	peak
3	929.0082	24.45	3.94	28.39	46.00	-17.61	179	100	peak

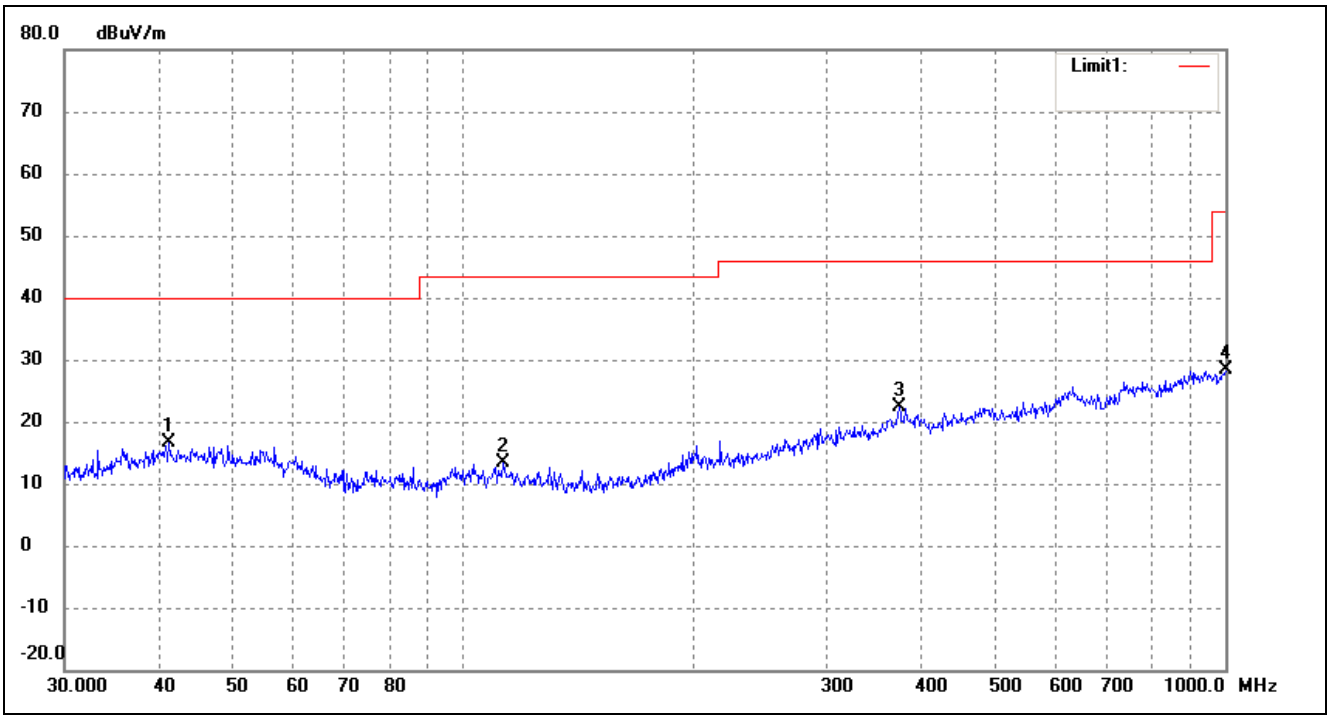
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	38.7518	28.08	-8.01	20.07	40.00	-19.93	125	100	peak
2	742.2587	24.13	2.09	26.22	46.00	-19.78	154	100	peak
3	916.0687	24.80	3.56	28.36	46.00	-17.64	193	100	peak

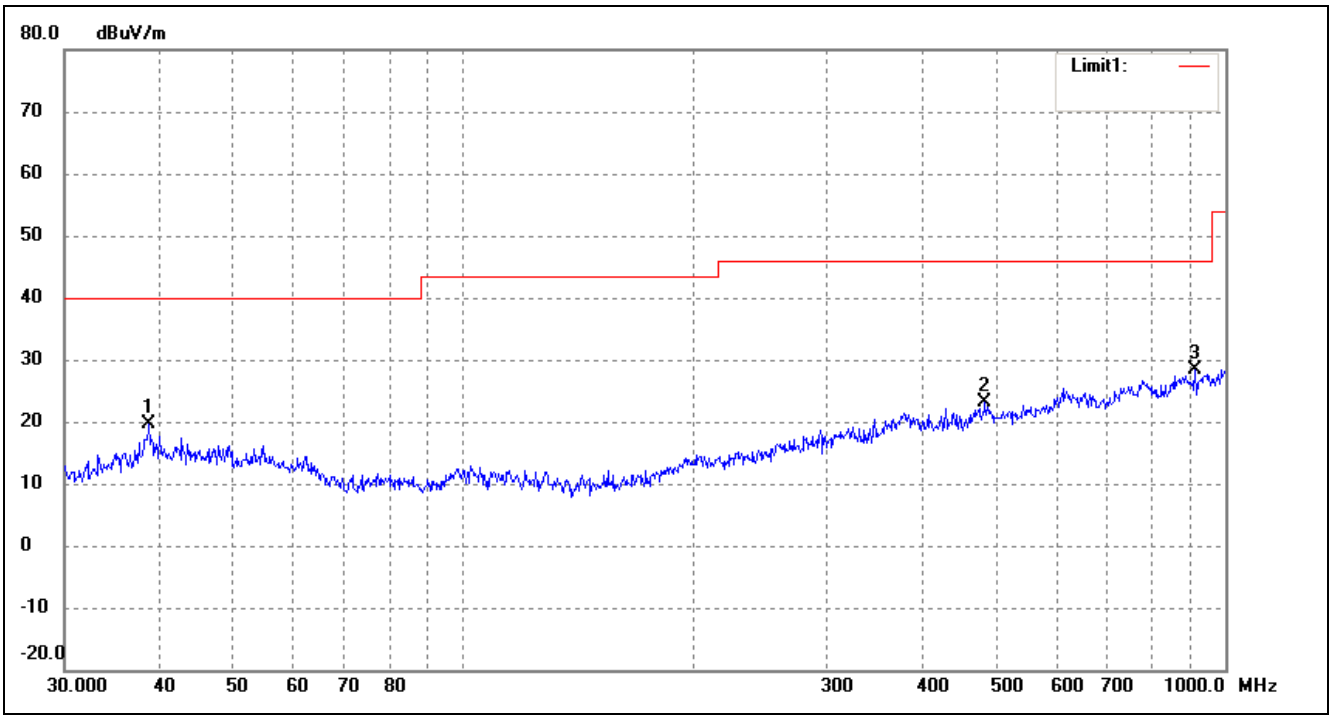
Test mode: Transmitting Channel 5700MHz

Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	41.1320	24.48	-7.74	16.74	40.00	-23.26	256	100	peak
2	112.9196	24.60	-11.24	13.36	43.50	-30.14	355	100	peak
3	373.3112	24.78	-2.47	22.31	46.00	-23.69	136	100	peak
4	1000.0000	23.66	4.80	28.46	54.00	-25.54	158	100	peak

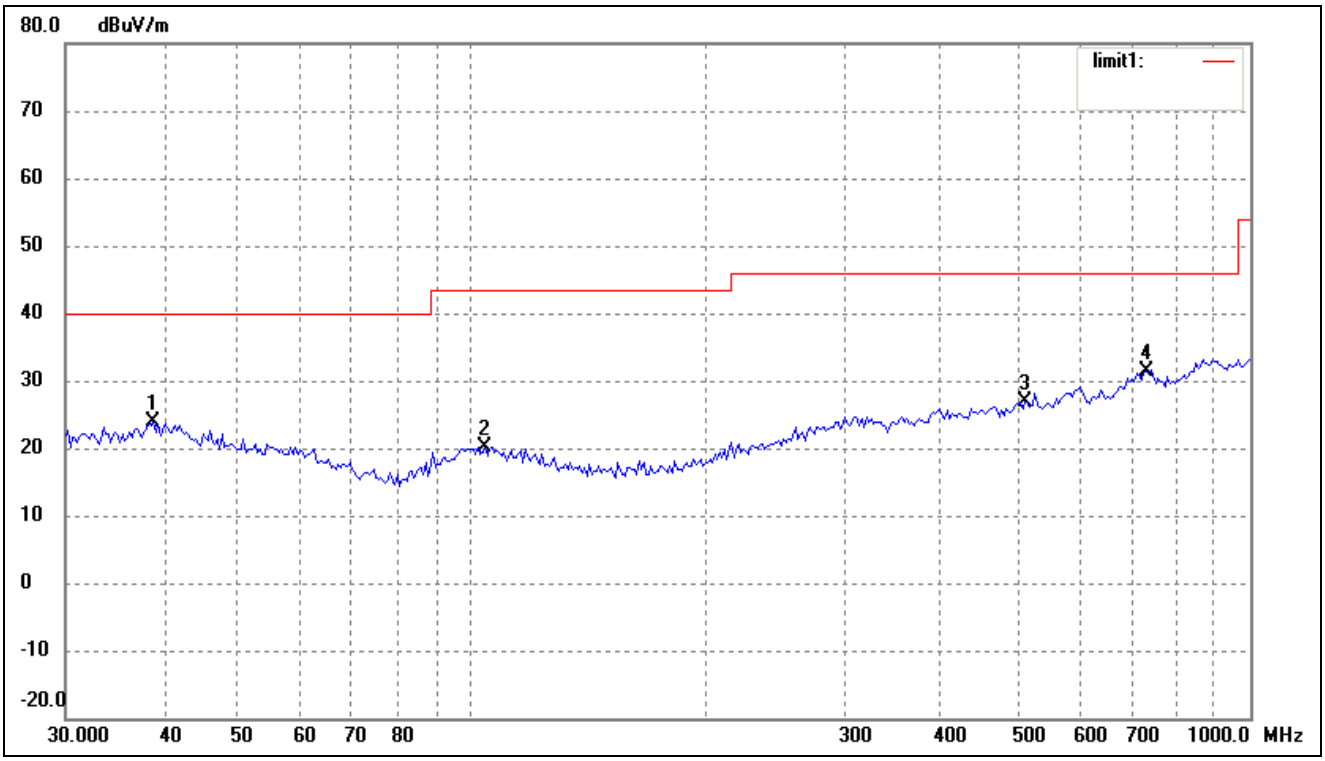
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	38.7518	27.59	-8.01	19.58	40.00	-20.42	188	100	peak
2	483.9094	24.38	-1.27	23.11	46.00	-22.89	235	100	peak
3	912.8620	24.83	3.49	28.32	46.00	-17.68	167	100	peak

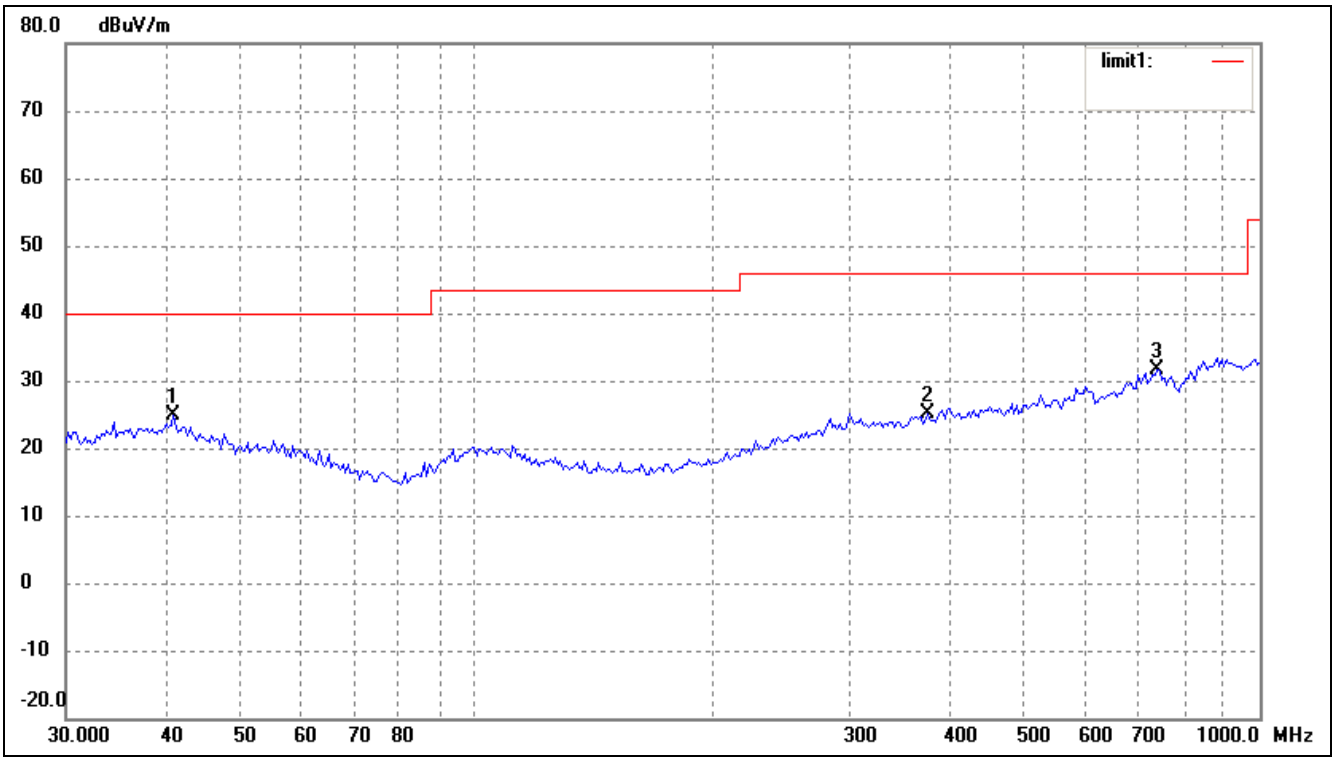
Test mode: Transmitting Channel 5745MHz

Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	38.8879	14.75	9.06	23.81	40.00	-16.19	174	100	peak
2	103.8055	14.46	5.73	20.19	43.50	-23.31	90	100	peak
3	513.6331	15.58	11.21	26.79	46.00	-19.21	336	100	peak
4	734.4913	16.04	15.22	31.26	46.00	-14.74	360	100	peak

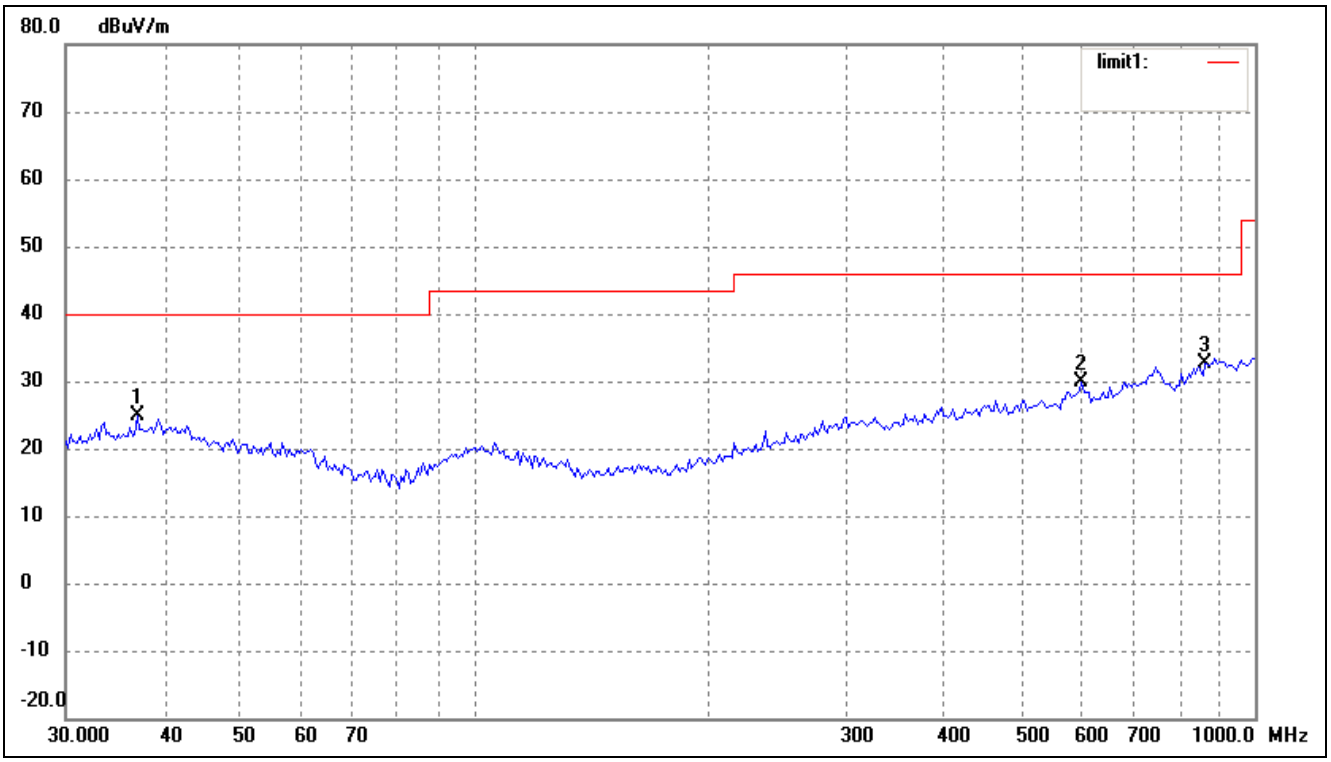
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	41.1320	15.91	8.91	24.82	40.00	-15.18	270	100	peak
2	377.2591	16.03	9.20	25.23	46.00	-20.77	164	100	peak
3	739.6605	16.06	15.53	31.59	46.00	-14.41	228	200	peak

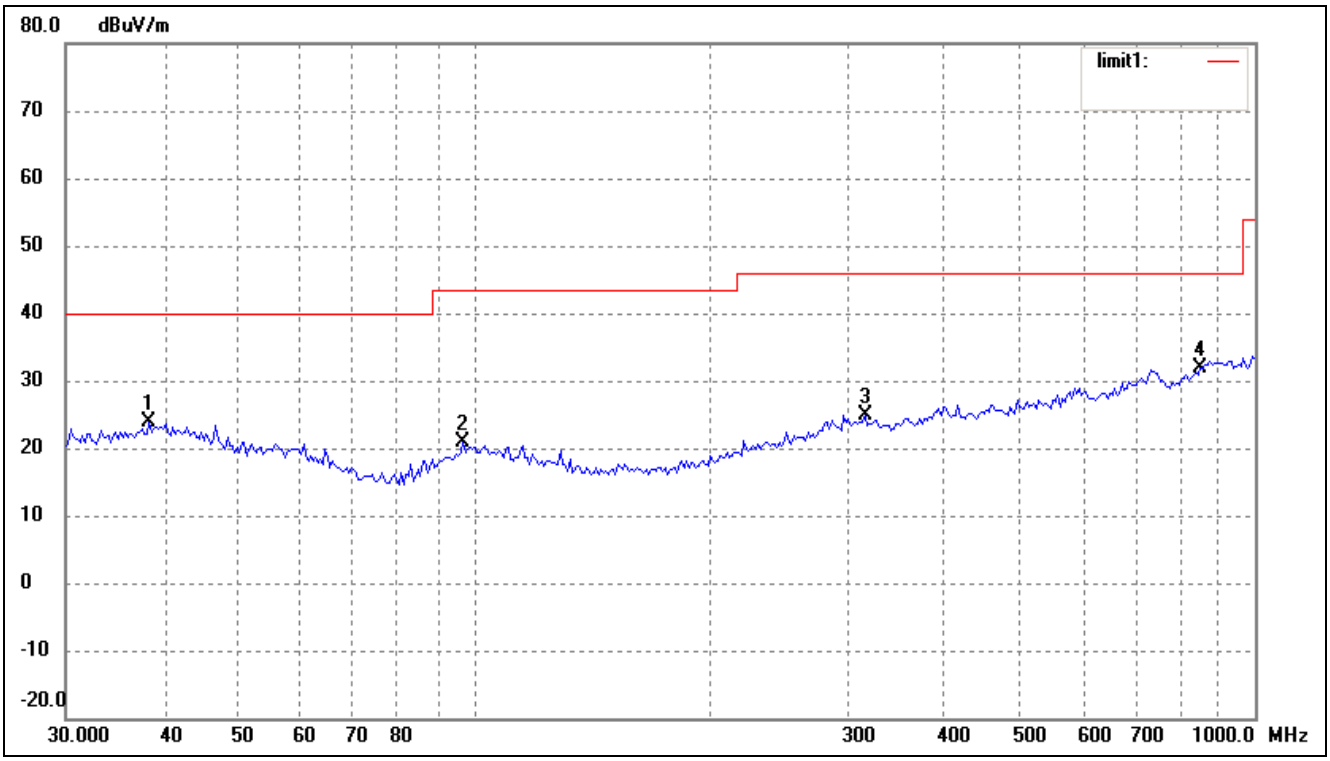
Test mode: Transmitting Channel 5785MHz

Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	37.0249	16.07	8.74	24.81	40.00	-15.19	360	100	peak
2	599.3213	16.46	13.30	29.76	46.00	-16.24	262	100	peak
3	863.0562	16.29	16.38	32.67	46.00	-13.33	270	100	peak

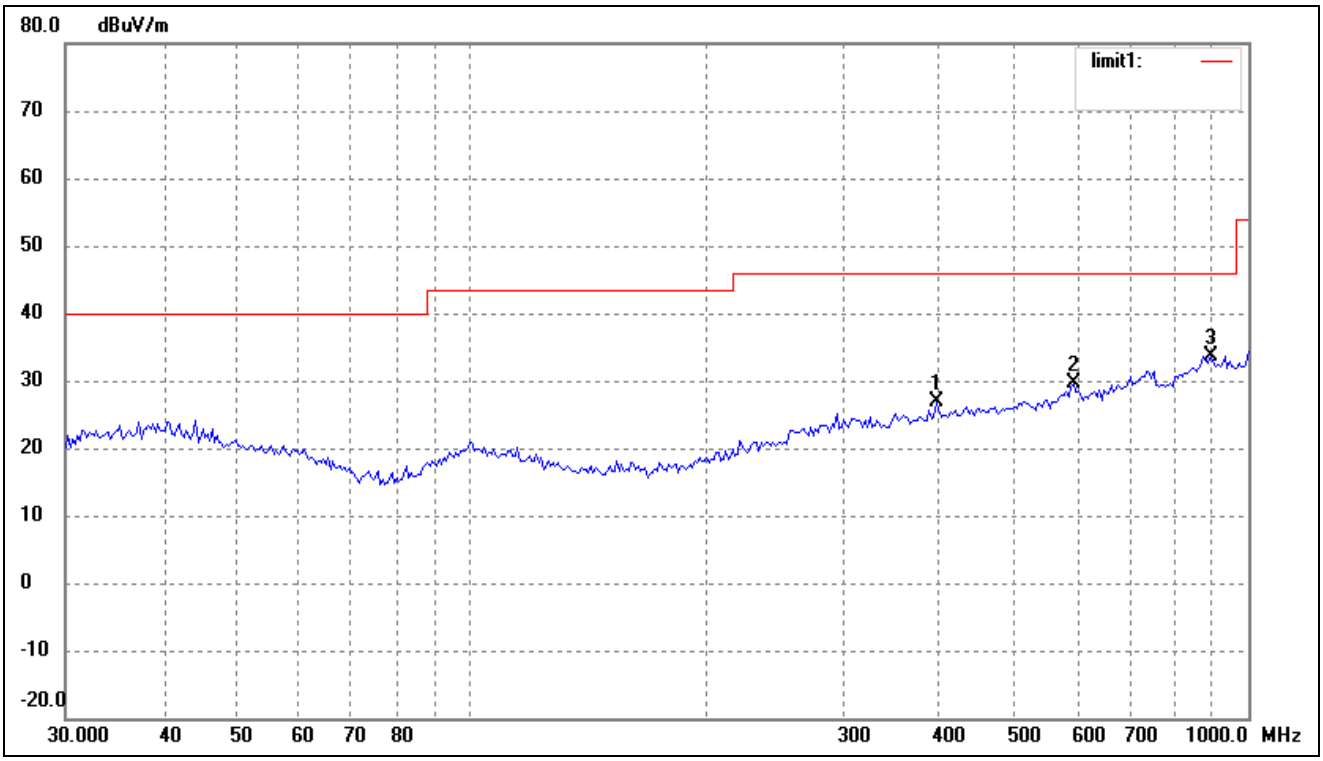
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	38.3462	14.80	8.97	23.77	40.00	-16.23	270	100	peak
2	96.7749	15.52	5.32	20.84	43.50	-22.66	51	200	peak
3	316.5890	15.66	9.28	24.94	46.00	-21.06	360	200	peak
4	851.0353	15.81	15.97	31.78	46.00	-14.22	360	100	peak

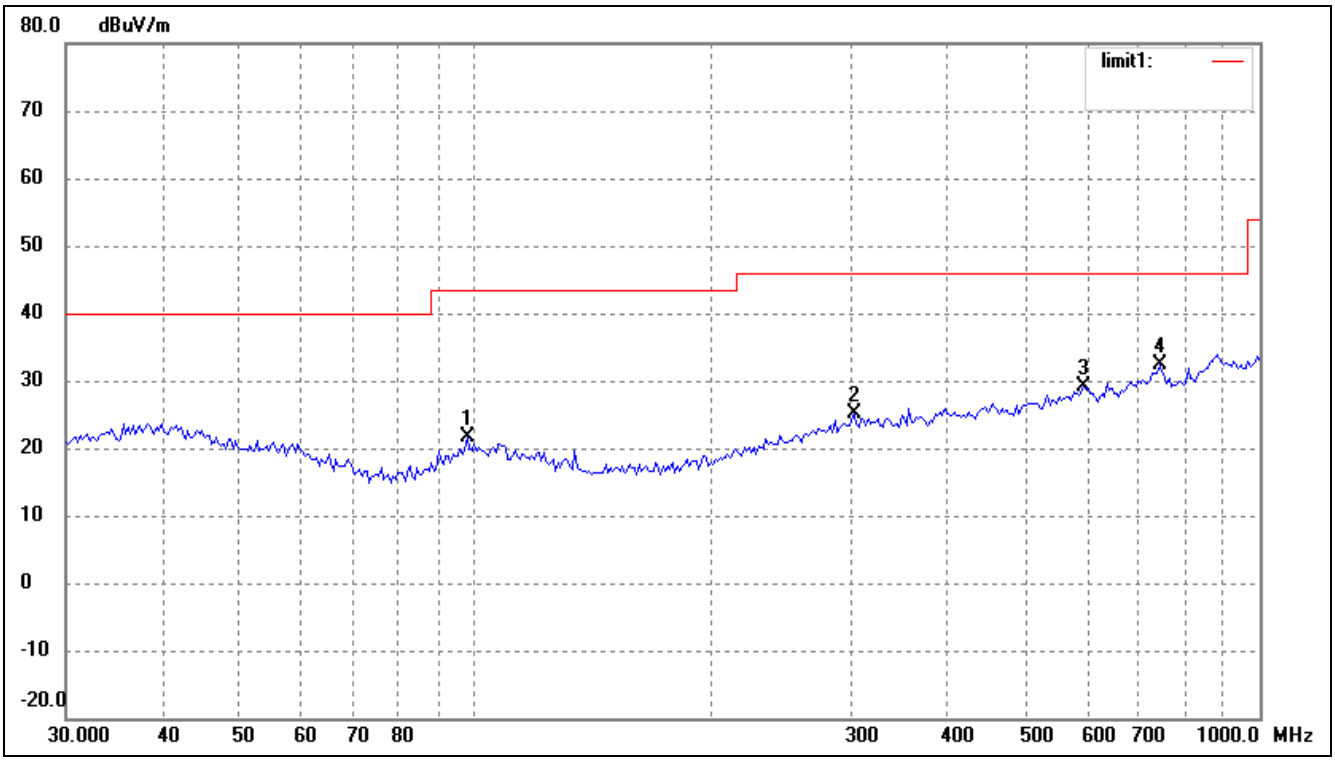
Test mode: Transmitting Channel 5805MHz

Horizontal



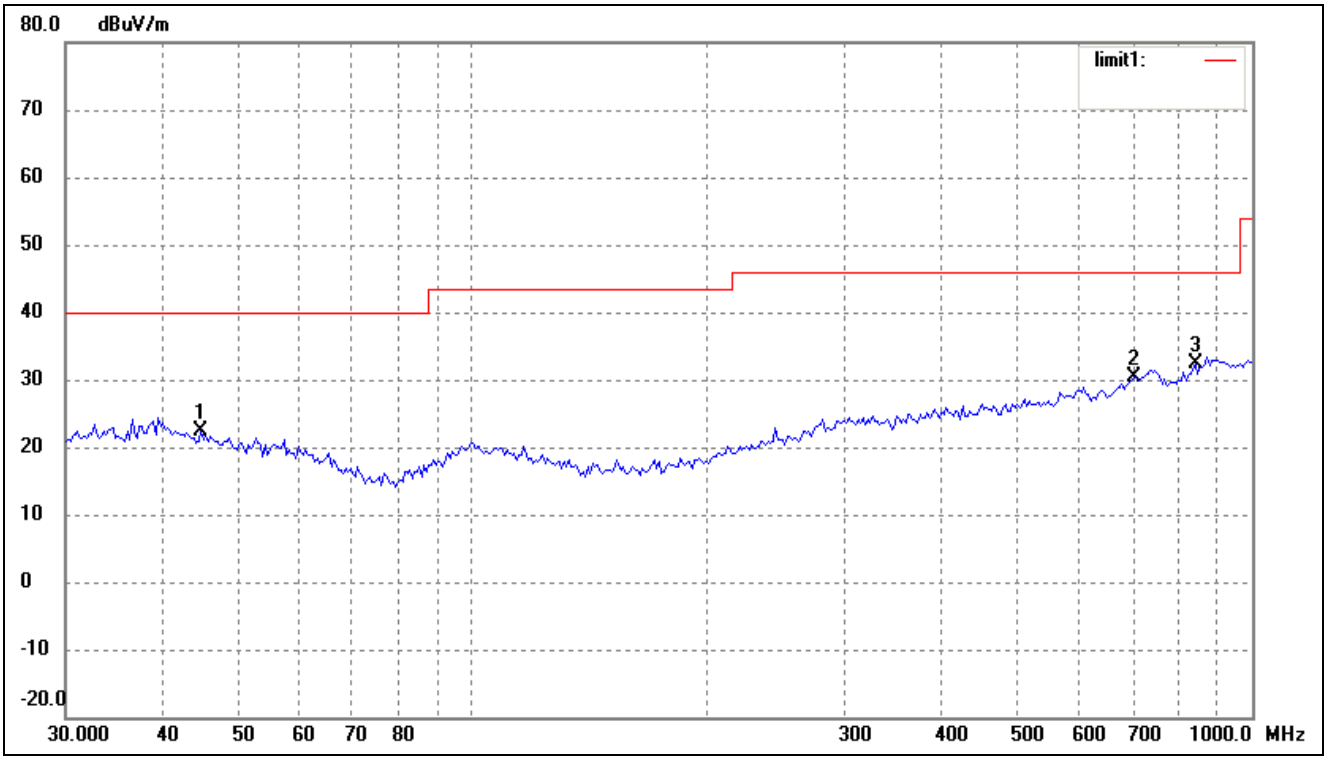
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	396.2415	16.87	9.95	26.82	46.00	-19.18	360	100	peak
2	595.1329	16.45	13.14	29.59	46.00	-16.41	180	100	peak
3	893.8567	16.88	16.85	33.73	46.00	-12.27	225	100	peak

Test Specification: *Vertical*



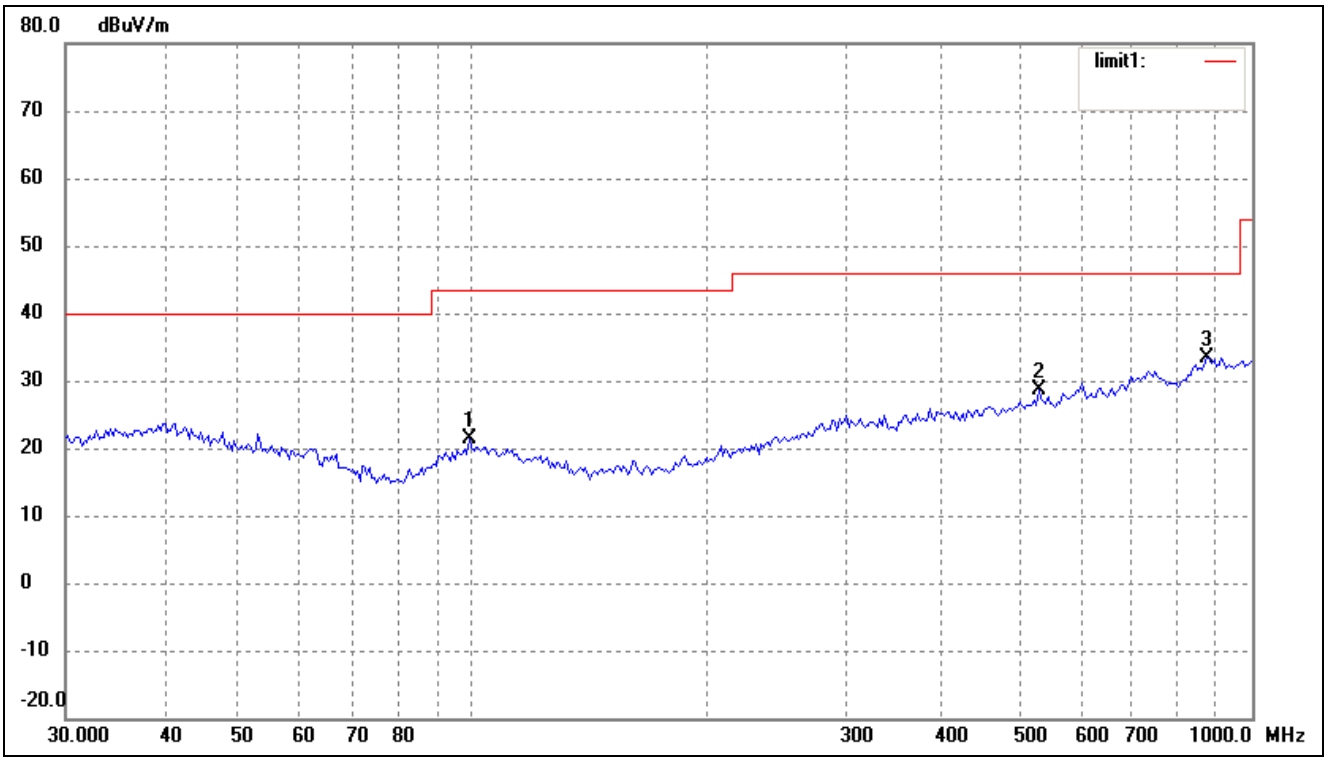
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	97.4560	16.14	5.49	21.63	43.50	-21.87	260	100	peak
2	303.5437	15.82	9.19	25.01	46.00	-20.99	131	200	peak
3	595.1329	15.93	13.14	29.07	46.00	-16.93	285	200	peak
4	744.8661	16.95	15.33	32.28	46.00	-13.72	224	100	peak

For 802.11n-HT20
Test mode: Transmitting Channel 5180MHz
Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	44.7434	14.58	7.84	22.42	40.00	-17.58	155	100	peak
2	704.2261	16.46	13.91	30.37	46.00	-15.63	197	100	peak
3	845.0878	16.51	15.75	32.26	46.00	-13.74	310	100	peak

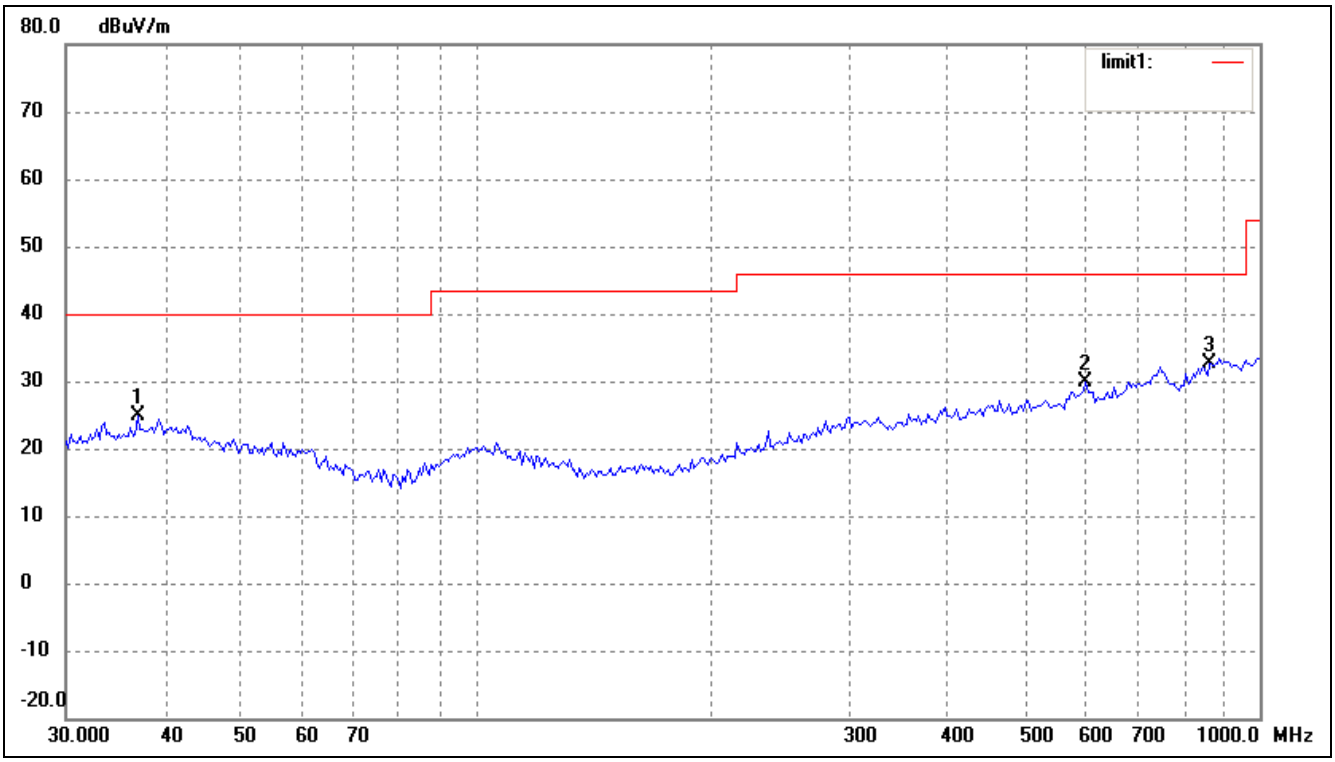
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	98.8326	15.53	5.84	21.37	43.50	-22.13	274	100	peak
2	531.9635	17.31	11.32	28.63	46.00	-17.37	116	100	peak
3	875.2470	16.71	16.70	33.41	46.00	-12.59	82	100	peak

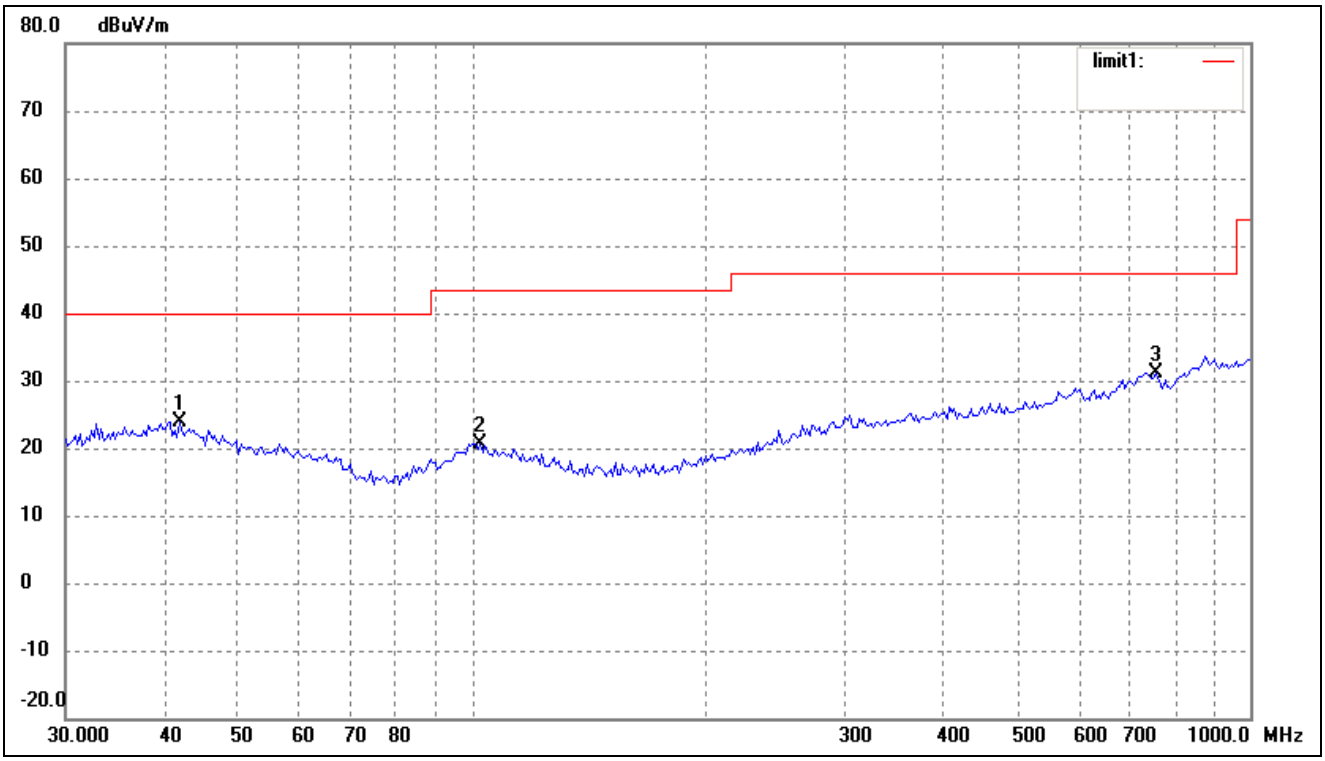
Test mode: Transmitting Channel 5200MHz

Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	37.0249	16.07	8.74	24.81	40.00	-15.19	264	100	peak
2	599.3213	16.46	13.30	29.76	46.00	-16.24	110	100	peak
3	863.0562	16.29	16.38	32.67	46.00	-13.33	136	100	peak

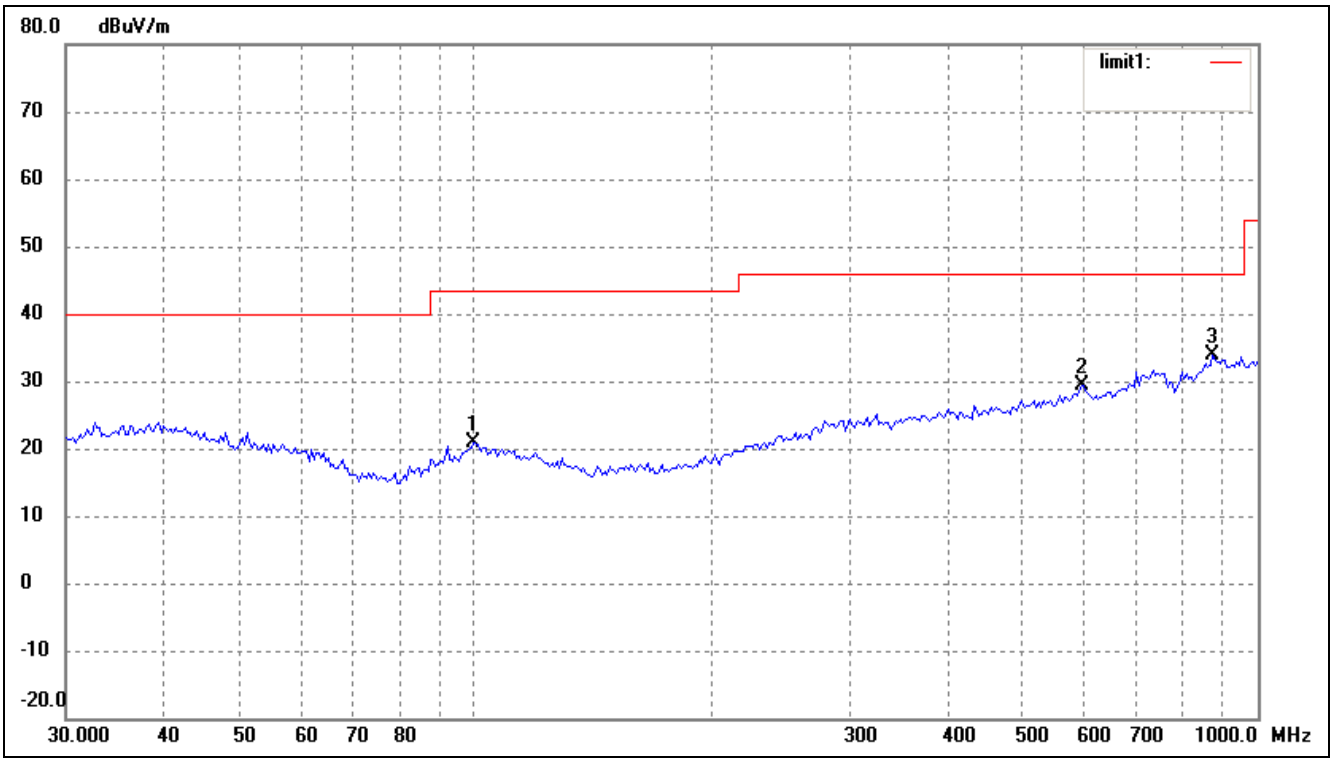
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	42.0066	15.29	8.65	23.94	40.00	-16.06	360	100	peak
2	102.3597	14.80	5.88	20.68	43.50	-22.82	112	100	peak
3	755.3873	16.28	14.86	31.14	46.00	-14.86	180	200	peak

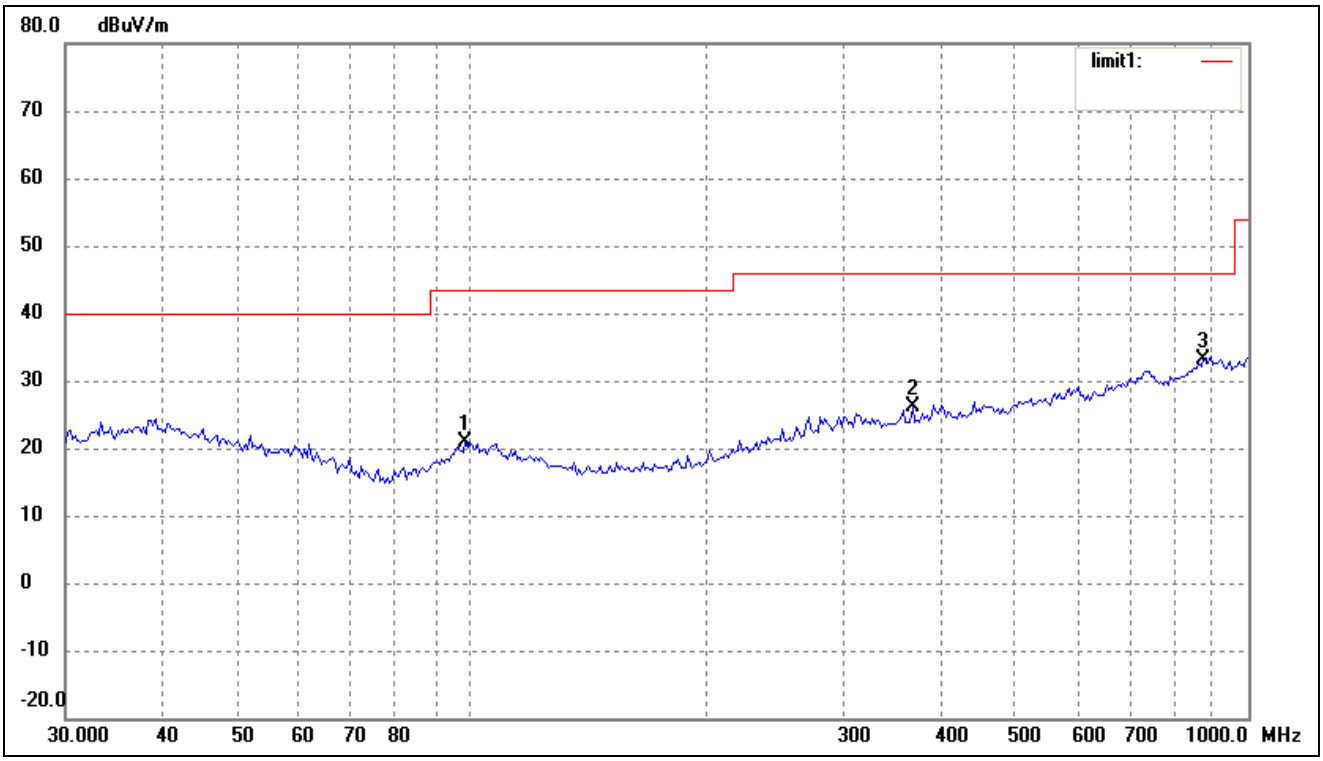
Test mode: Transmitting Channel 5240MHz

Horizontal



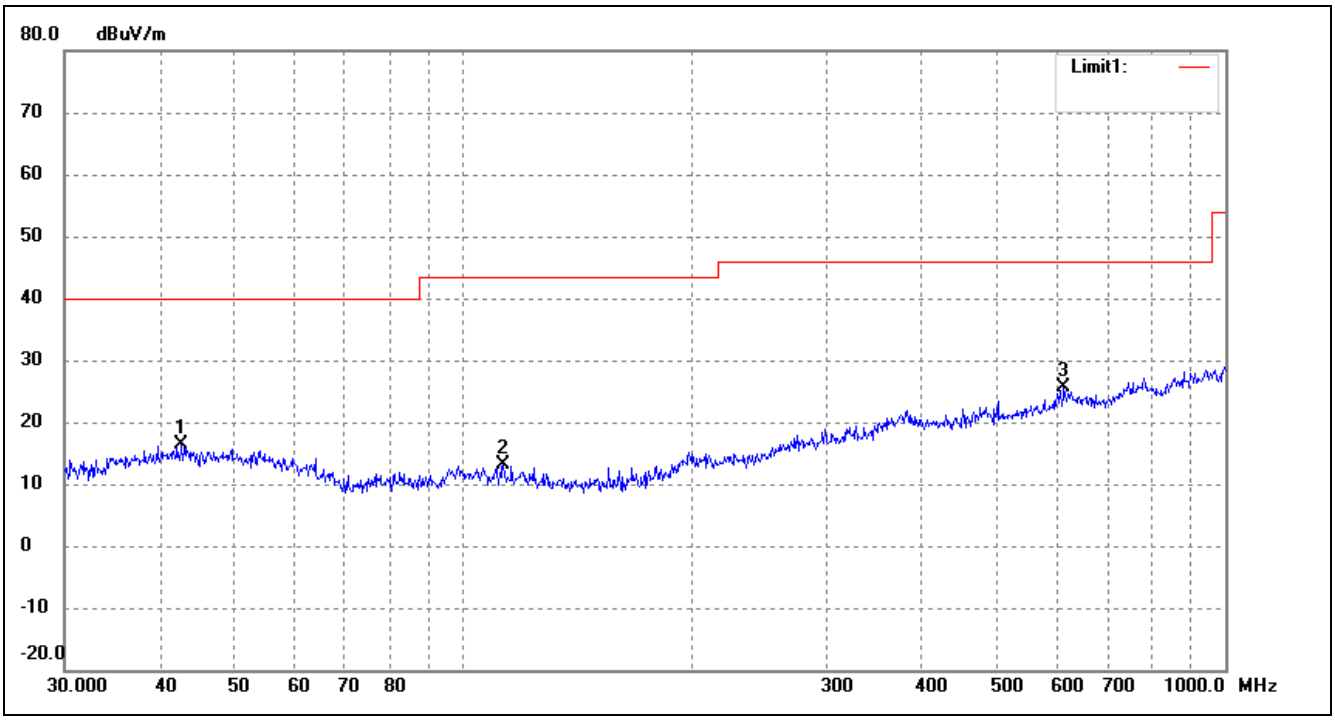
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	99.5281	14.85	6.01	20.86	43.50	-22.64	267	100	peak
2	595.1329	16.28	13.14	29.42	46.00	-16.58	116	100	peak
3	875.2470	17.12	16.70	33.82	46.00	-12.18	360	100	peak

Test Specification: *Vertical*



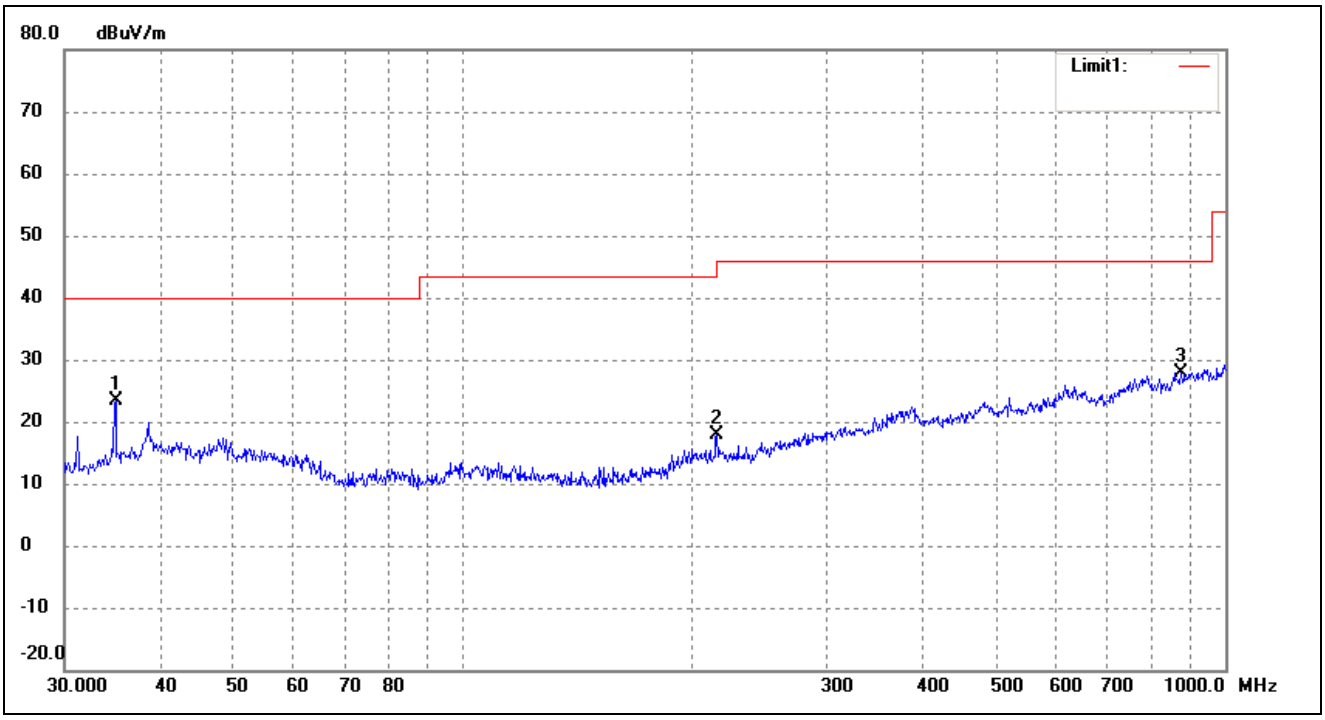
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	98.1419	15.19	5.67	20.86	43.50	-22.64	267	100	peak
2	369.4047	16.92	9.23	26.15	46.00	-19.85	114	200	peak
3	875.2470	16.54	16.70	33.24	46.00	-12.76	35	200	peak

Test mode: Transmitting Channel 5260MHz
Horizontal



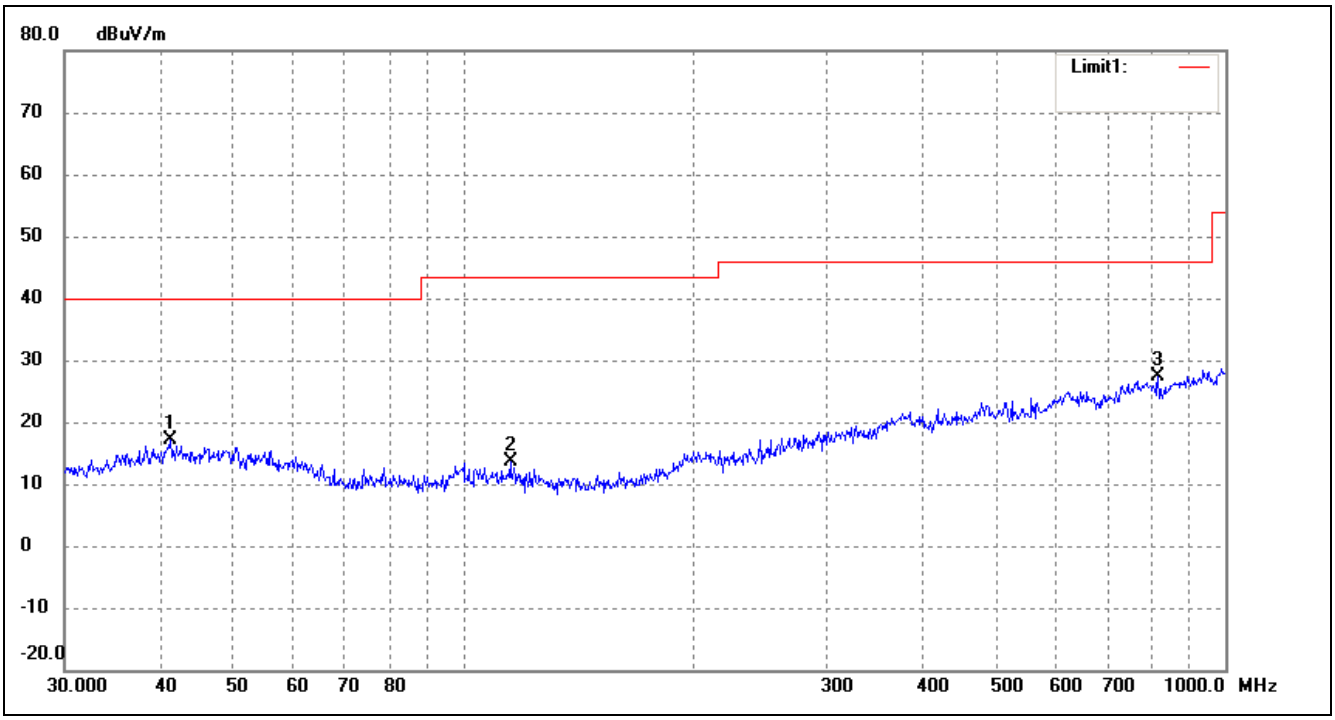
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	42.7496	24.18	-7.84	16.34	40.00	-23.66	196	100	peak
2	112.9196	24.38	-11.24	13.14	43.50	-30.36	183	100	peak
3	614.2142	24.78	0.83	25.61	46.00	-20.39	121	100	peak

Test Specification: *Vertical*



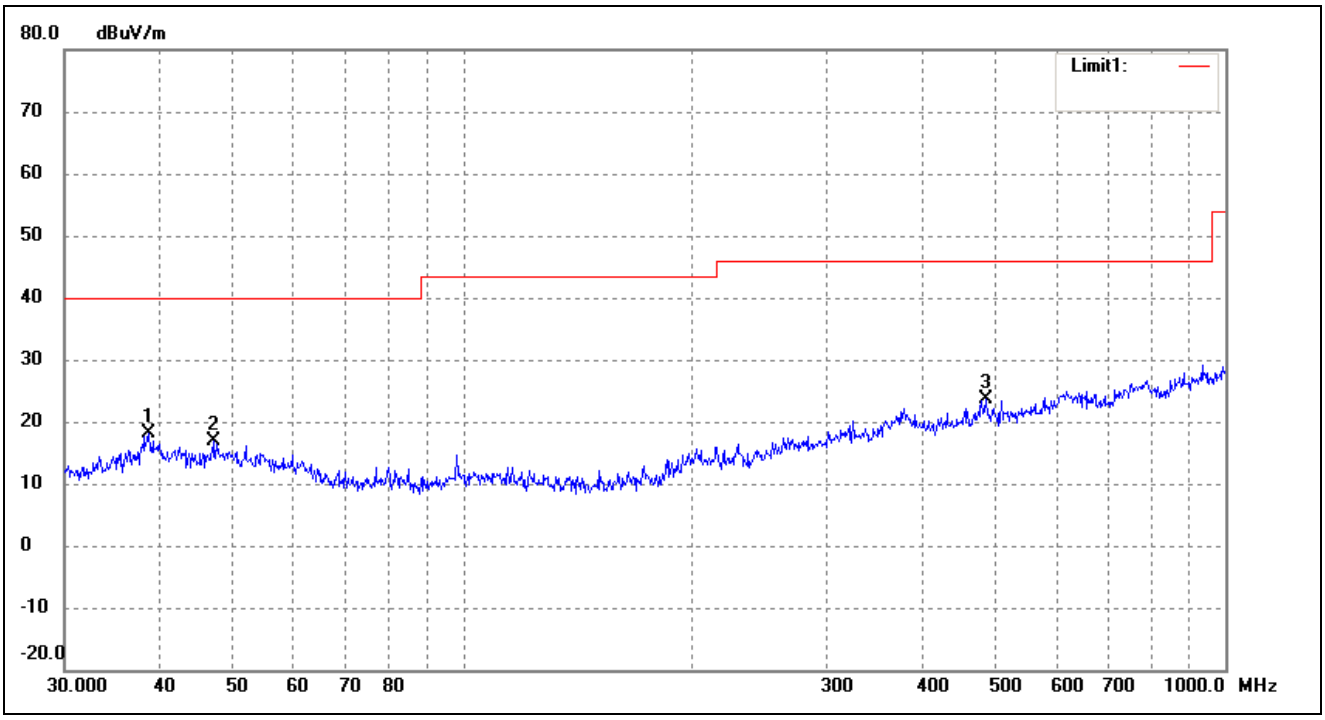
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	35.0048	32.52	-9.04	23.48	40.00	-16.52	341	100	peak
2	215.2678	26.61	-8.79	17.82	43.50	-25.68	155	100	peak
3	875.2470	24.84	3.09	27.93	46.00	-18.07	127	200	peak

Test mode: Transmitting Channel 5300MHz
Horizontal



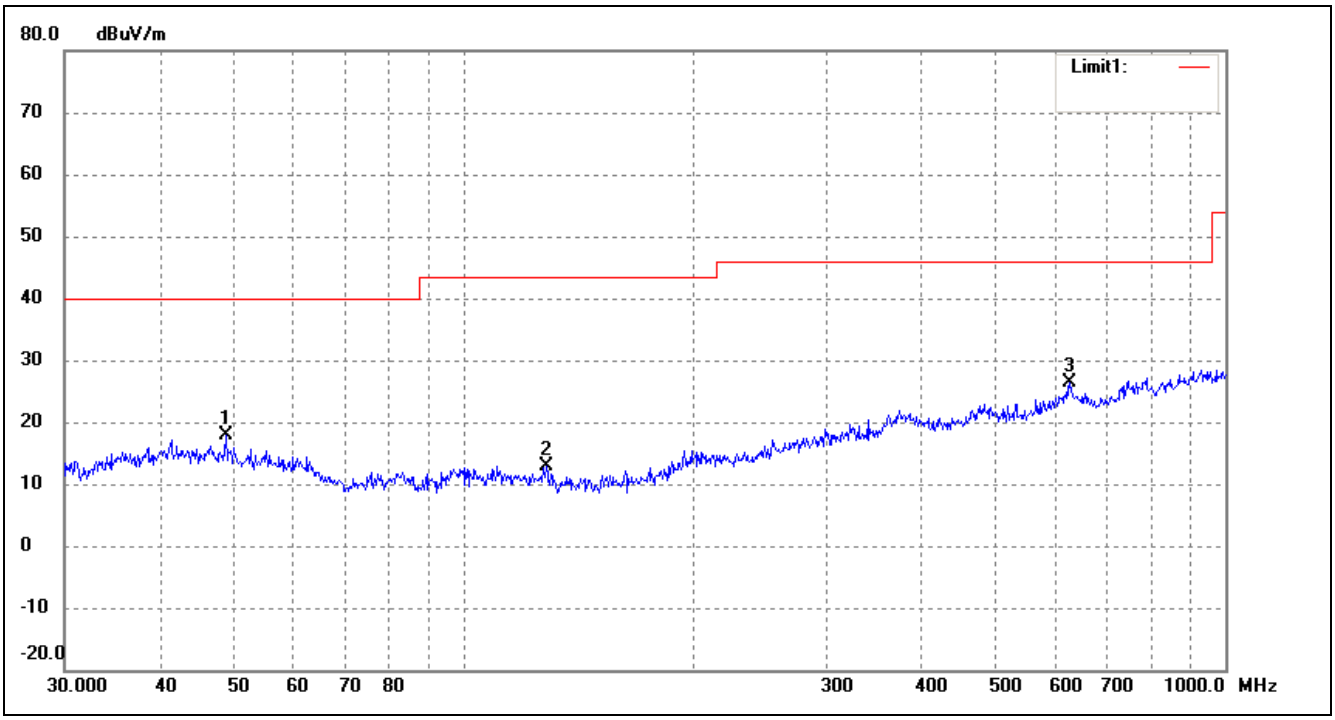
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	41.2765	24.77	-7.75	17.02	40.00	-22.98	214	100	peak
2	115.3205	24.84	-11.31	13.53	43.50	-29.97	137	100	peak
3	815.9678	25.82	1.59	27.41	46.00	-18.59	116	100	peak

Test Specification: *Vertical*



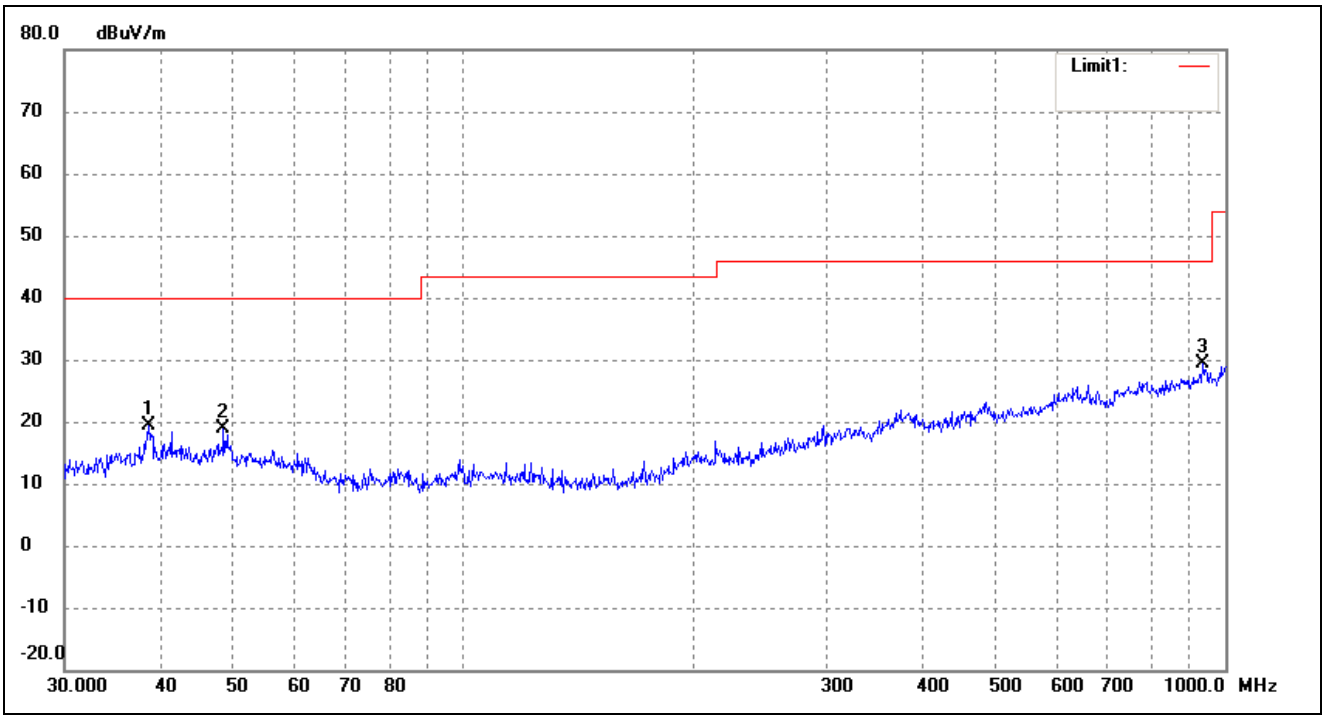
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	38.7518	26.15	-8.00	18.15	40.00	-21.85	114	100	peak
2	47.1599	25.04	-8.14	16.90	40.00	-23.10	157	100	peak
3	485.6093	24.89	-1.36	23.53	46.00	-22.47	128	200	peak

Test mode: Transmitting Channel 5320MHz
Horizontal



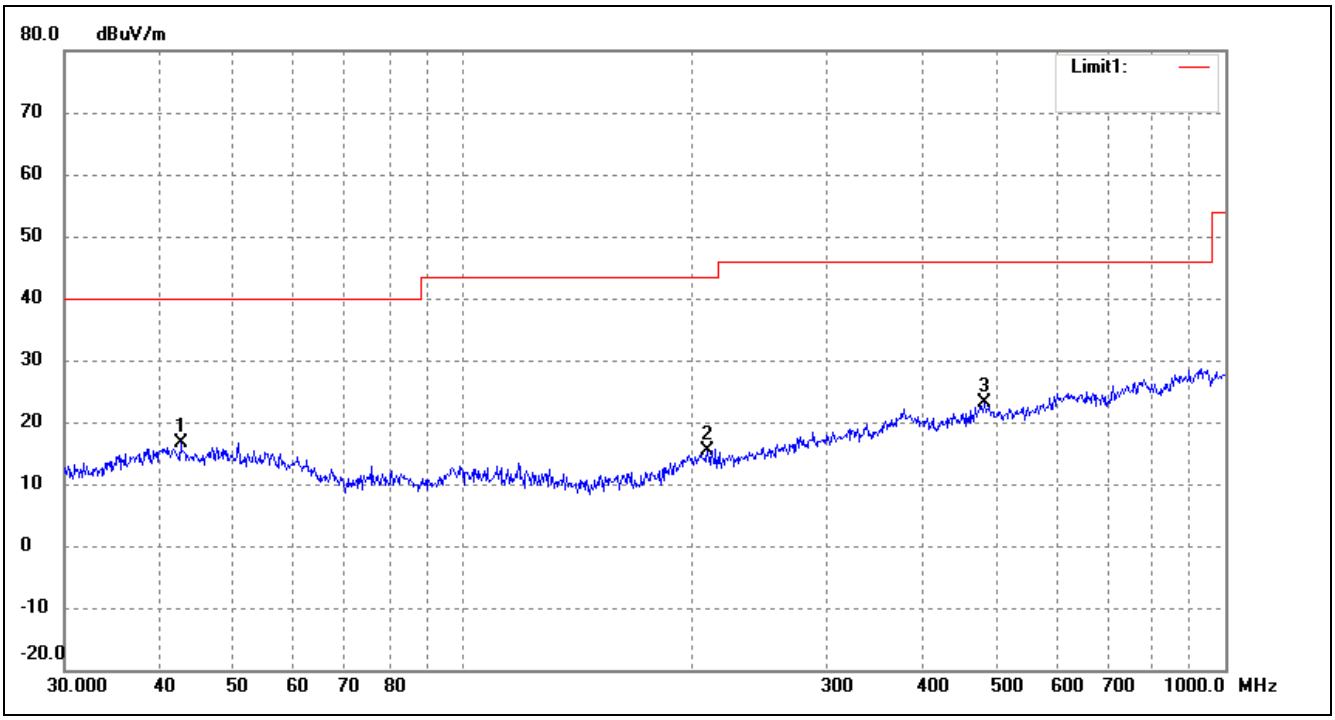
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	48.8429	26.01	-8.25	17.76	40.00	-22.24	169	100	peak
2	128.5630	24.80	-11.92	12.88	43.50	-30.62	154	100	peak
3	625.0780	25.29	1.11	26.40	46.00	-19.60	163	100	peak

Test Specification: *Vertical*



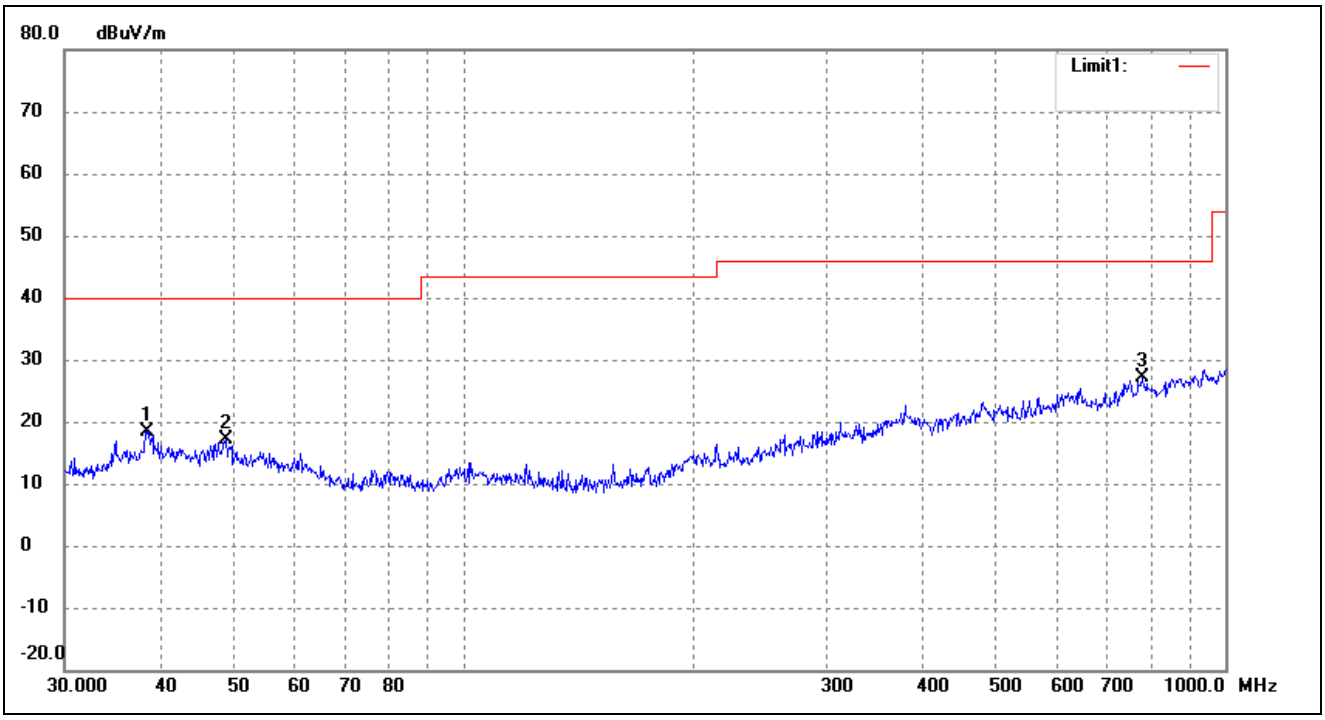
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	38.7518	27.30	-8.01	19.29	40.00	-20.71	139	100	peak
2	48.5016	27.13	-8.22	18.91	40.00	-21.09	157	100	peak
3	935.5463	25.23	4.13	29.36	46.00	-16.64	124	200	peak

Test mode: Transmitting Channel 5500MHz
Horizontal



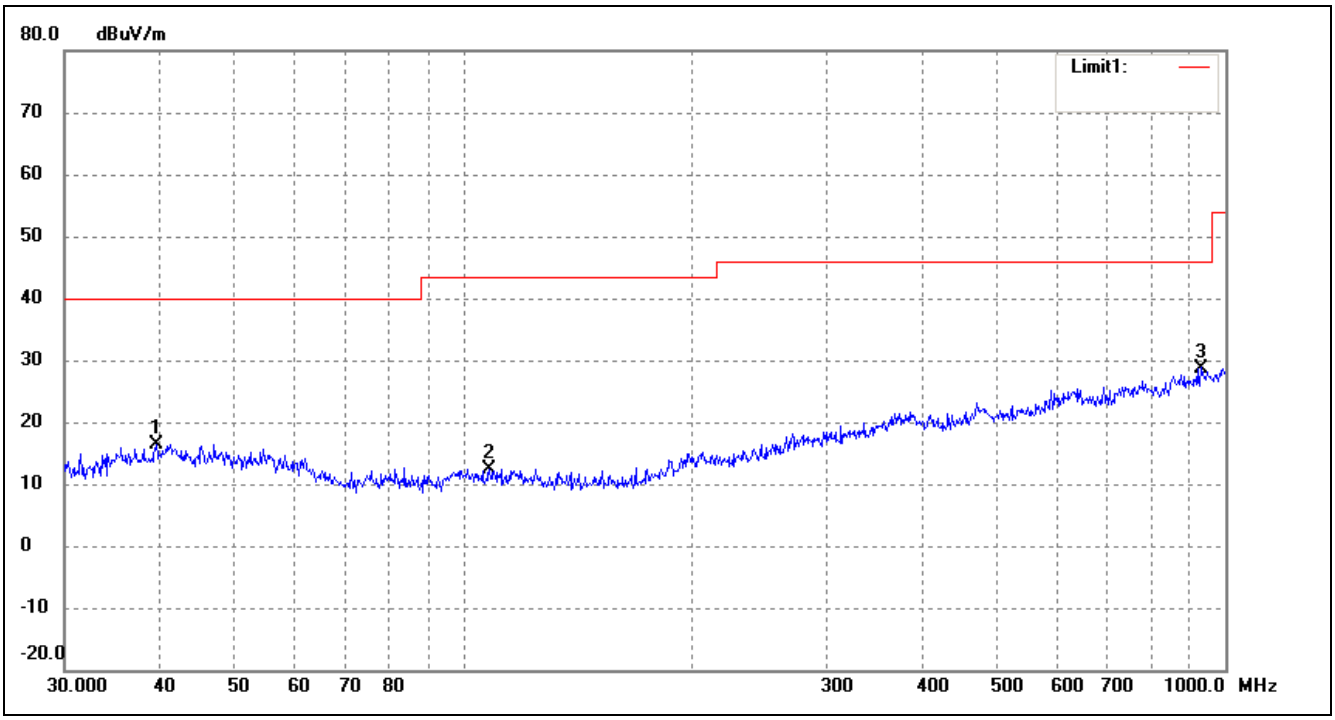
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	42.6000	24.47	-7.84	16.63	40.00	-23.37	247	100	peak
2	209.3129	24.12	-8.74	15.38	43.50	-28.12	131	100	peak
3	483.9094	24.37	-1.27	23.10	46.00	-22.90	59	100	peak

Test Specification: *Vertical*



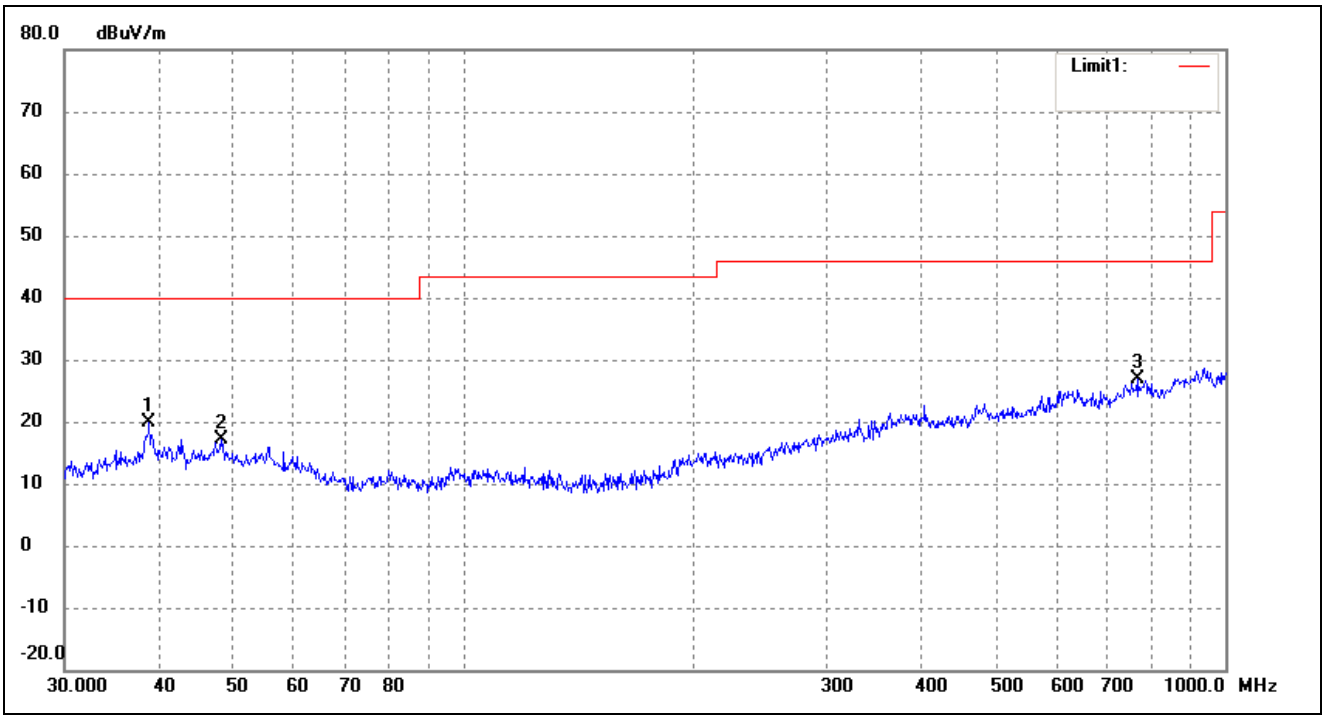
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	38.4809	26.53	-8.08	18.45	40.00	-21.55	88	100	peak
2	48.8429	25.26	-8.25	17.01	40.00	-22.99	157	100	peak
3	776.8778	24.50	2.73	27.23	46.00	-18.77	236	200	peak

Test mode: Transmitting Channel 5600MHz
Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	39.5757	24.21	-7.78	16.43	40.00	-23.57	282	100	peak
2	108.2667	23.58	-11.11	12.47	43.50	-31.03	49	100	peak
3	929.0082	24.81	3.94	28.75	46.00	-17.25	90	100	peak

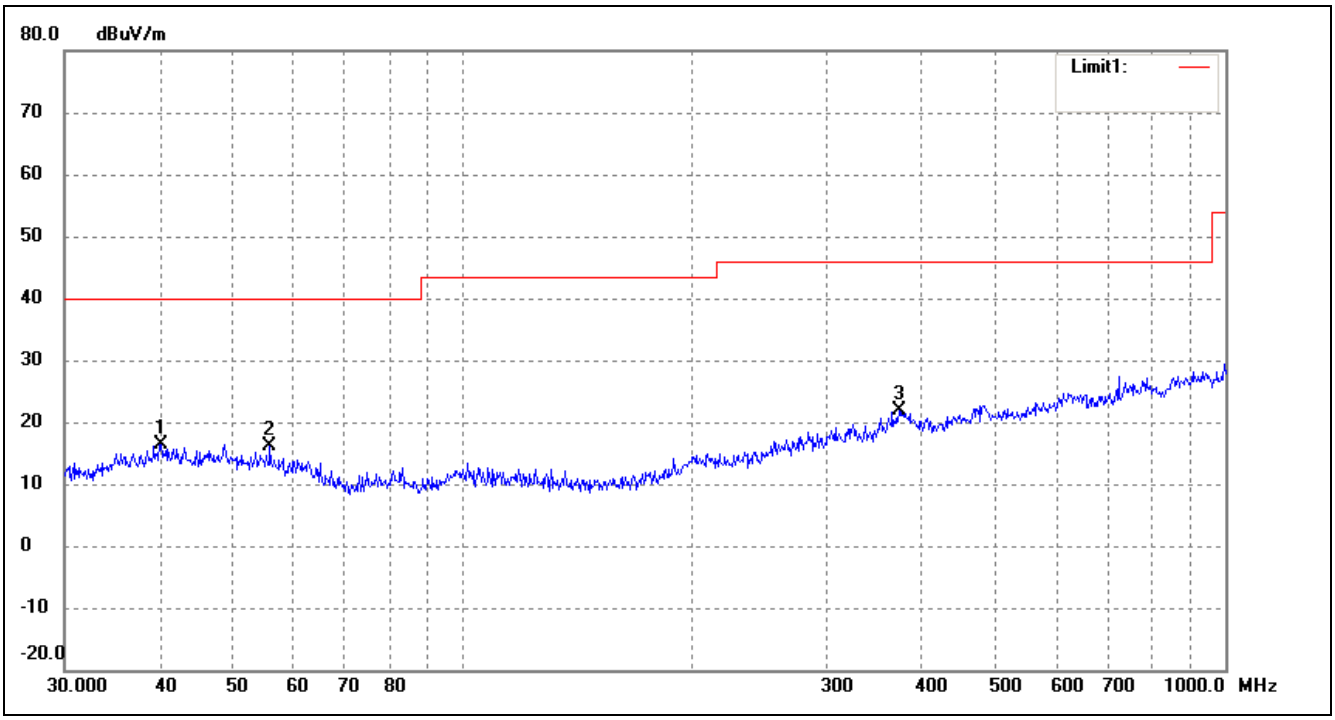
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	38.7518	27.89	-8.01	19.88	40.00	-20.12	274	100	peak
2	48.1626	25.36	-8.20	17.16	40.00	-22.84	137	100	peak
3	766.0571	24.68	2.13	26.81	46.00	-19.19	156	200	peak

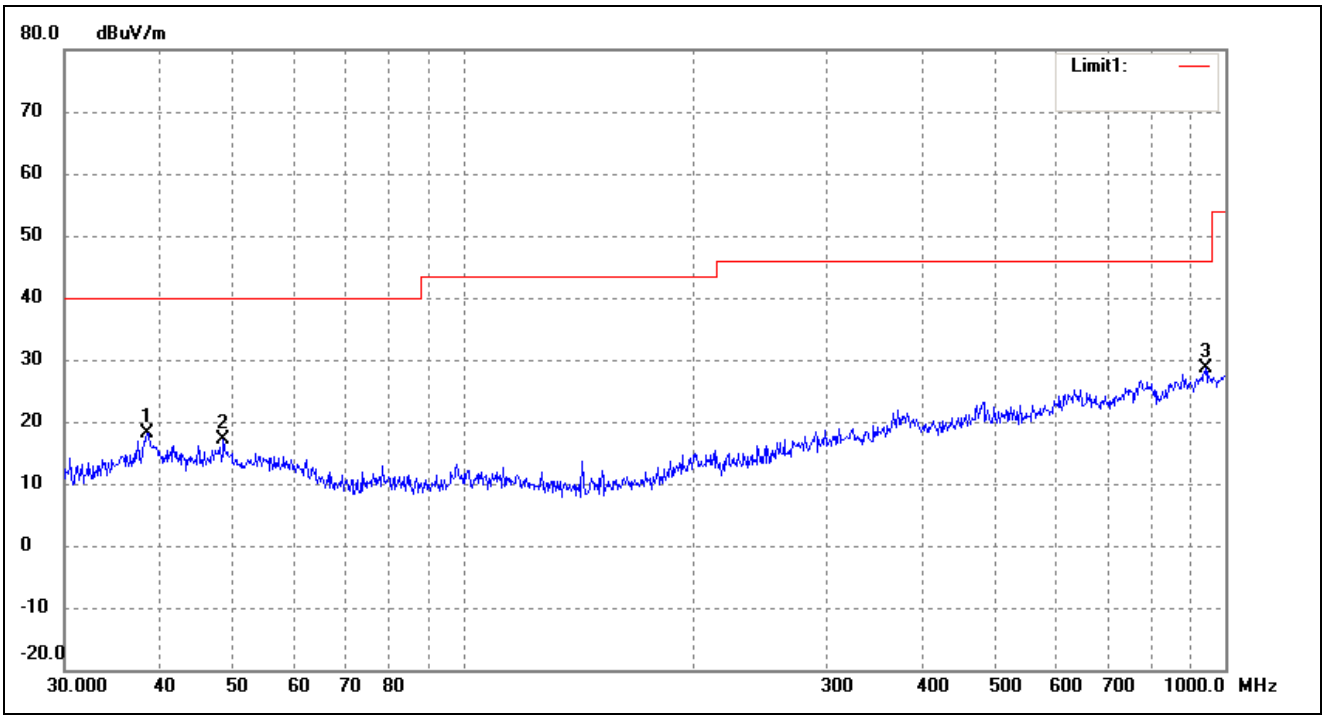
Test mode: Transmitting Channel 5700MHz

Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	40.1347	24.17	-7.68	16.49	40.00	-23.51	217	100	peak
2	55.8047	25.18	-9.05	16.13	40.00	-23.87	169	100	peak
3	373.3112	24.27	-2.47	21.80	46.00	-24.20	258	100	peak

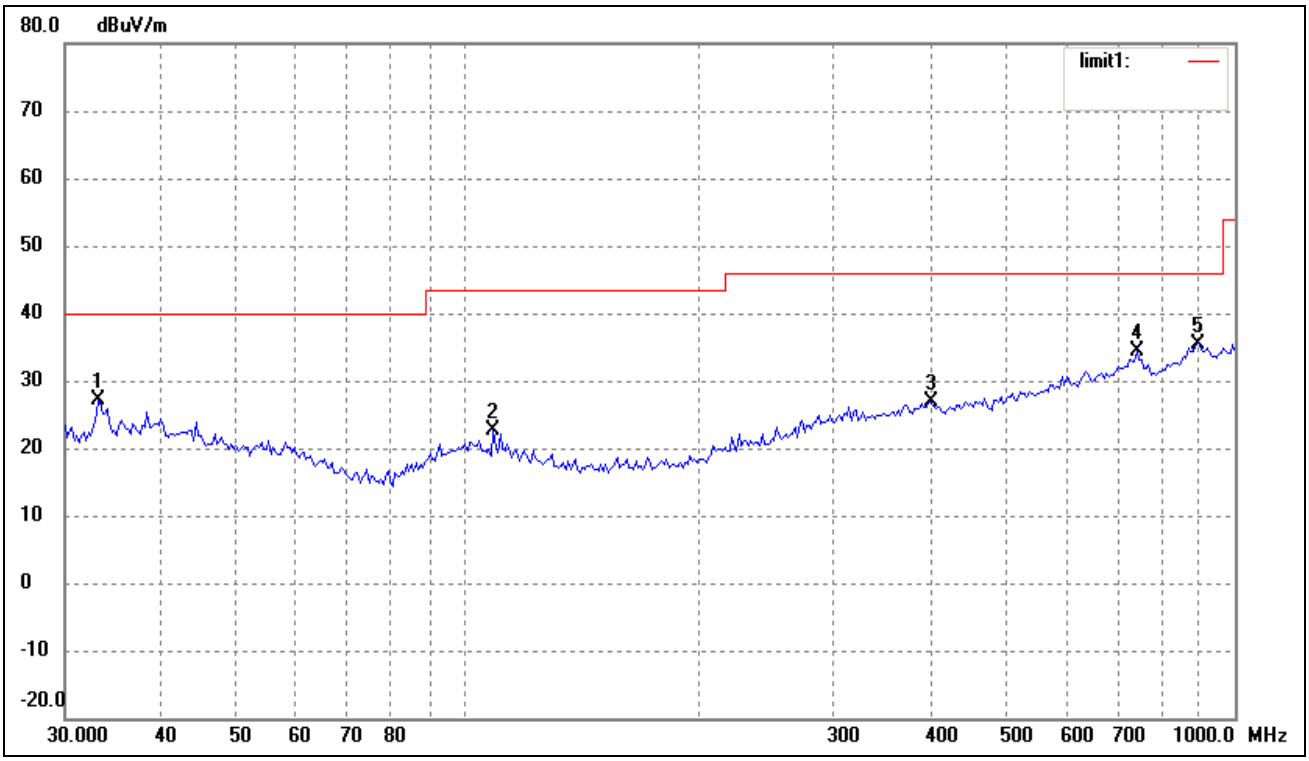
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	38.4809	26.24	-8.08	18.16	40.00	-21.84	139	100	peak
2	48.5016	25.24	-8.22	17.02	40.00	-22.98	167	100	peak
3	942.1305	24.33	4.19	28.52	46.00	-17.48	159	200	peak

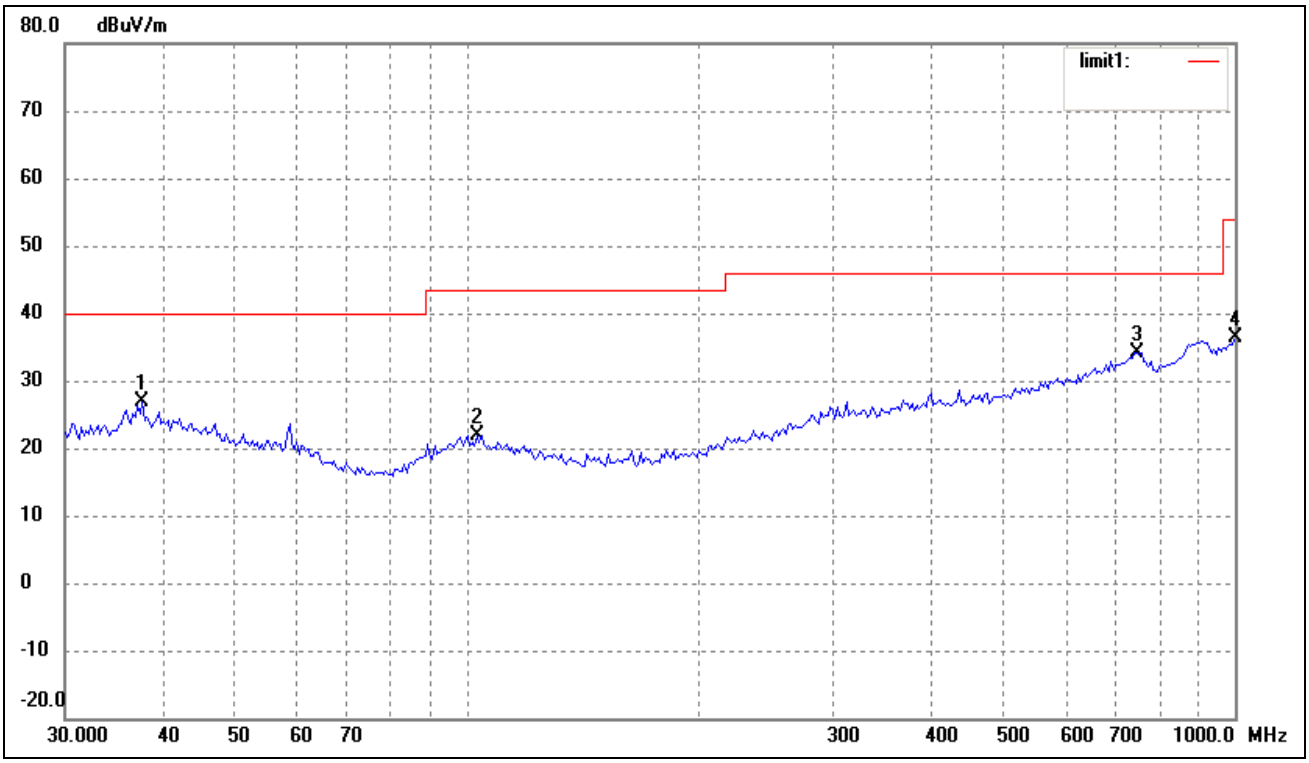
Test mode: Transmitting Channel 5745MHz

Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	33.0950	18.58	8.56	27.14	40.00	-12.86	254	100	peak
2	108.2667	16.51	6.02	22.53	43.50	-20.97	113	100	peak
3	401.8385	15.51	11.47	26.98	46.00	-19.02	284	100	peak
4	744.8661	16.35	17.95	34.30	46.00	-11.70	360	100	peak
5	893.8567	16.23	19.27	35.50	46.00	-10.50	100	100	peak

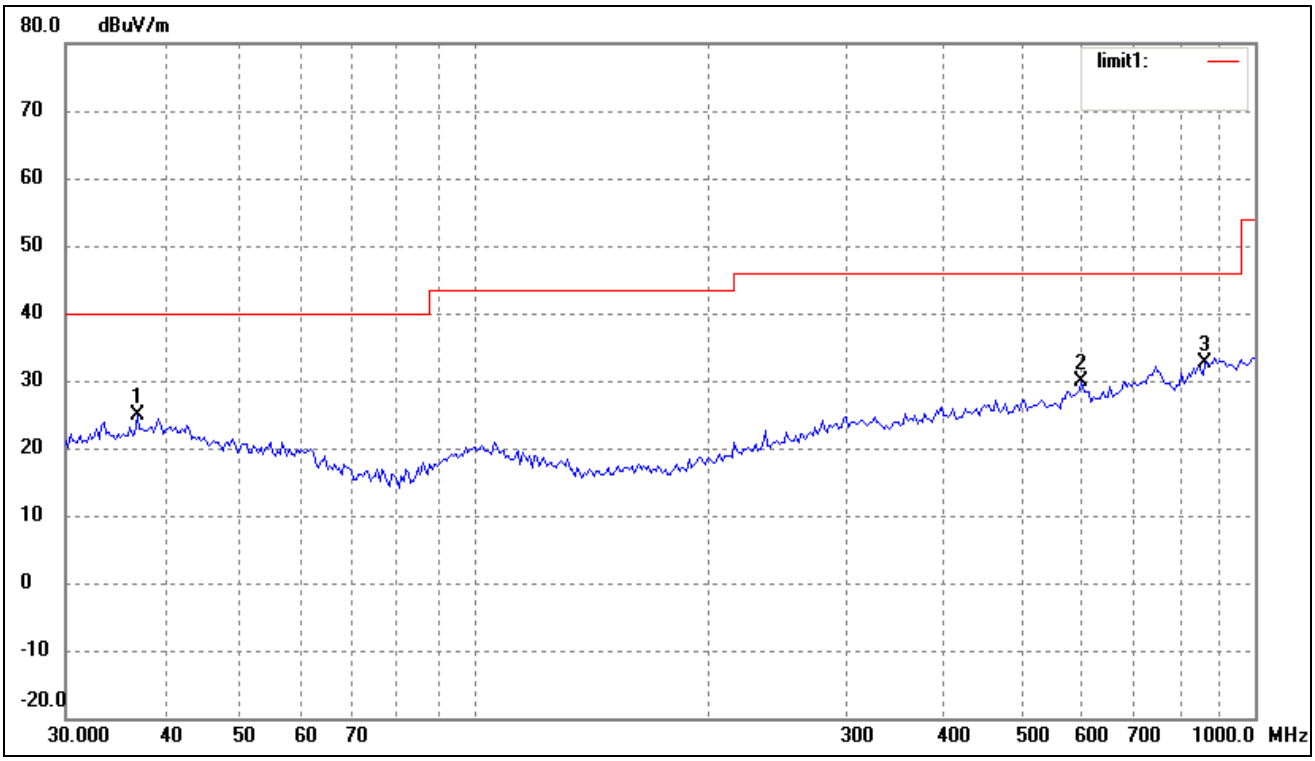
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	37.8121	17.52	9.33	26.85	40.00	-13.15	114	100	peak
2	103.0800	15.37	6.54	21.91	43.50	-21.59	270	100	peak
3	744.8661	16.16	17.95	34.11	46.00	-11.89	360	100	peak
4	1000.0000	16.41	19.90	36.31	54.00	-17.69	116	100	peak

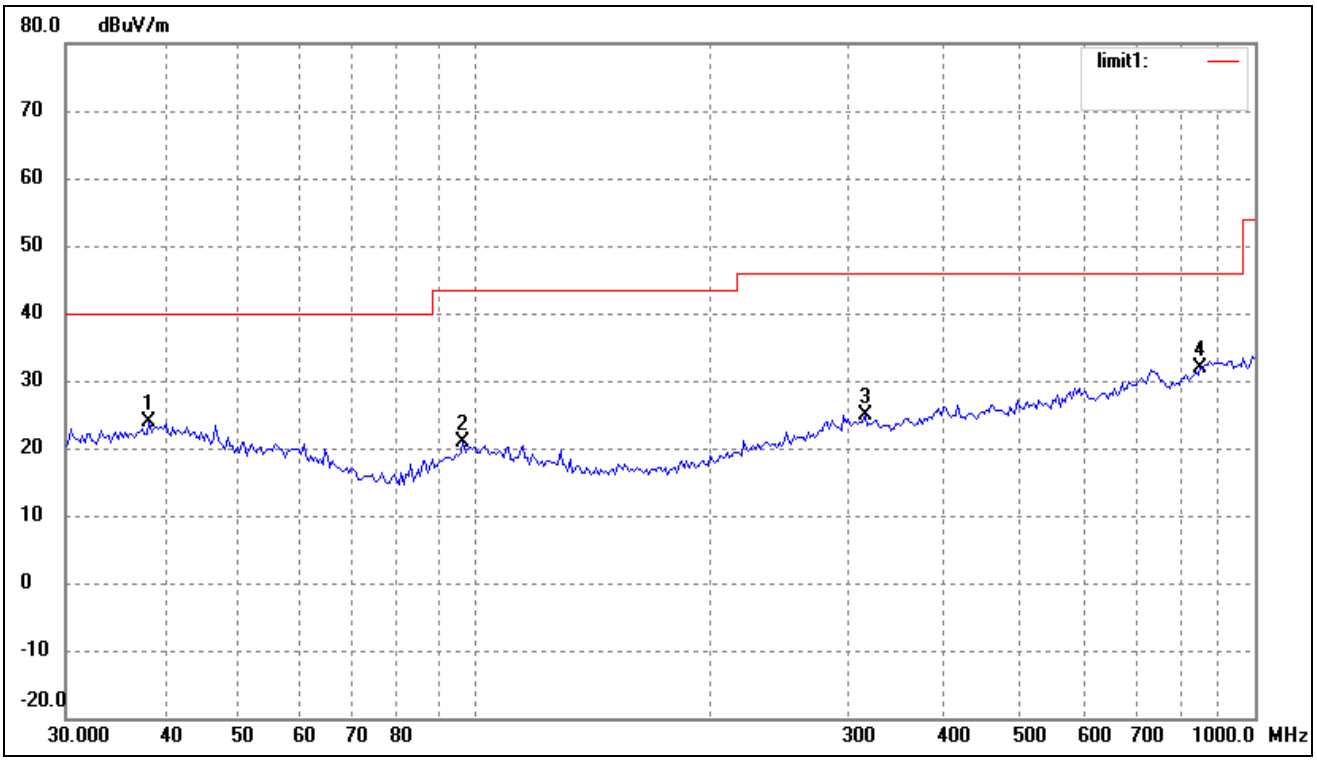
Test mode: Transmitting Channel 5785MHz

Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	37.0249	16.07	8.74	24.81	40.00	-15.19	360	100	peak
2	599.3213	16.46	13.30	29.76	46.00	-16.24	255	100	peak
3	863.0562	16.29	16.38	32.67	46.00	-13.33	270	100	peak

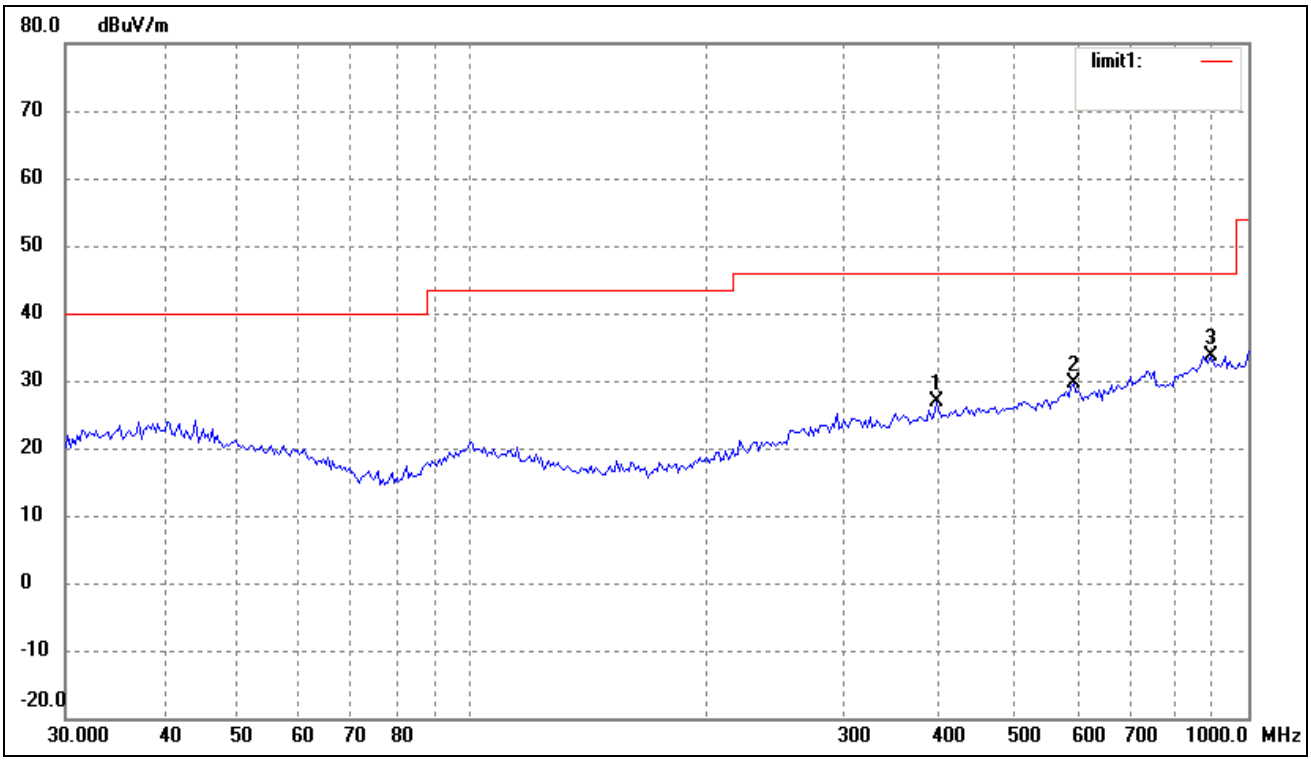
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	38.3462	14.80	8.97	23.77	40.00	-16.23	270	100	peak
2	96.7749	15.52	5.32	20.84	43.50	-22.66	51	200	peak
3	316.5890	15.66	9.28	24.94	46.00	-21.06	360	200	peak
4	851.0353	15.81	15.97	31.78	46.00	-14.22	360	100	peak

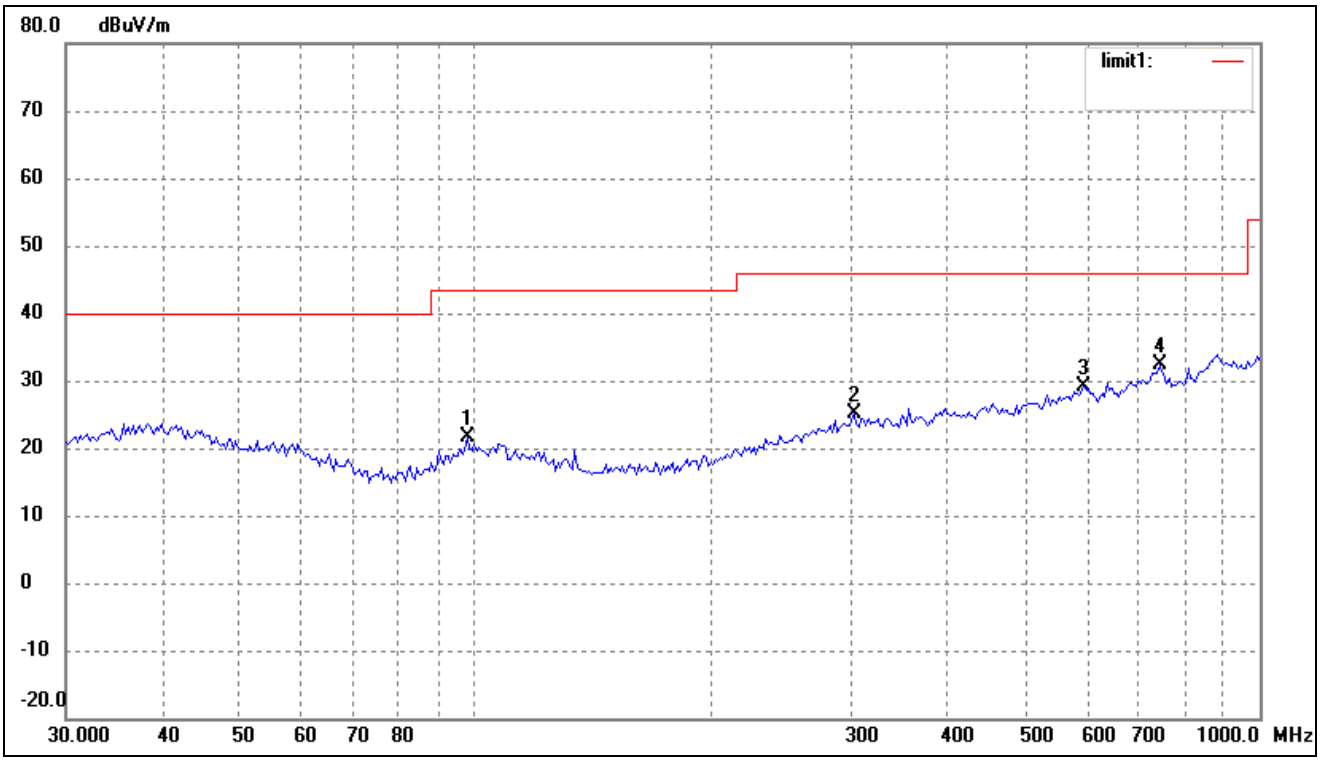
Test mode: Transmitting Channel 5805MHz

Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	396.2415	16.87	9.95	26.82	46.00	-19.18	360	100	peak
2	595.1329	16.45	13.14	29.59	46.00	-16.41	180	100	peak
3	893.8567	16.88	16.85	33.73	46.00	-12.27	225	100	peak

Test Specification: *Vertical*

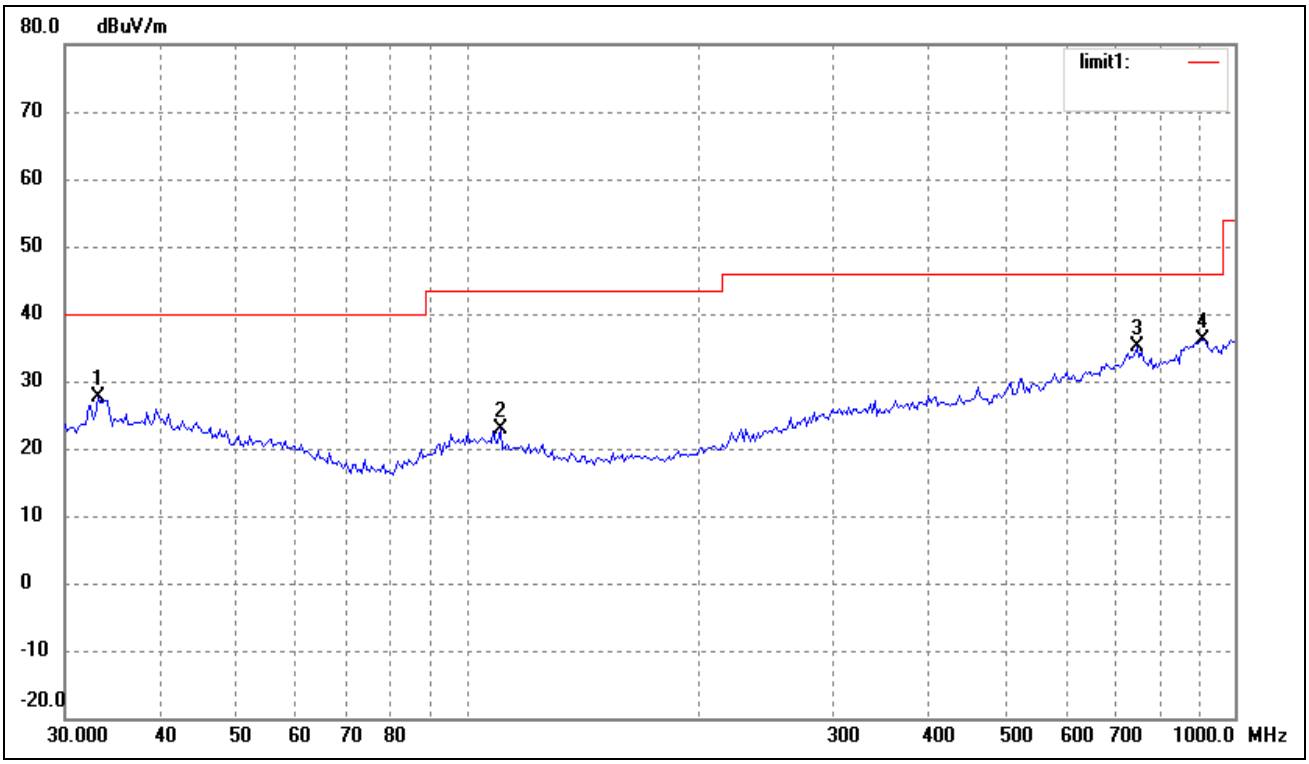


No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	97.4560	16.14	5.49	21.63	43.50	-21.87	260	100	peak
2	303.5437	15.82	9.19	25.01	46.00	-20.99	131	200	peak
3	595.1329	15.93	13.14	29.07	46.00	-16.93	285	200	peak
4	744.8661	16.95	15.33	32.28	46.00	-13.72	224	100	peak

802.11N-HT40

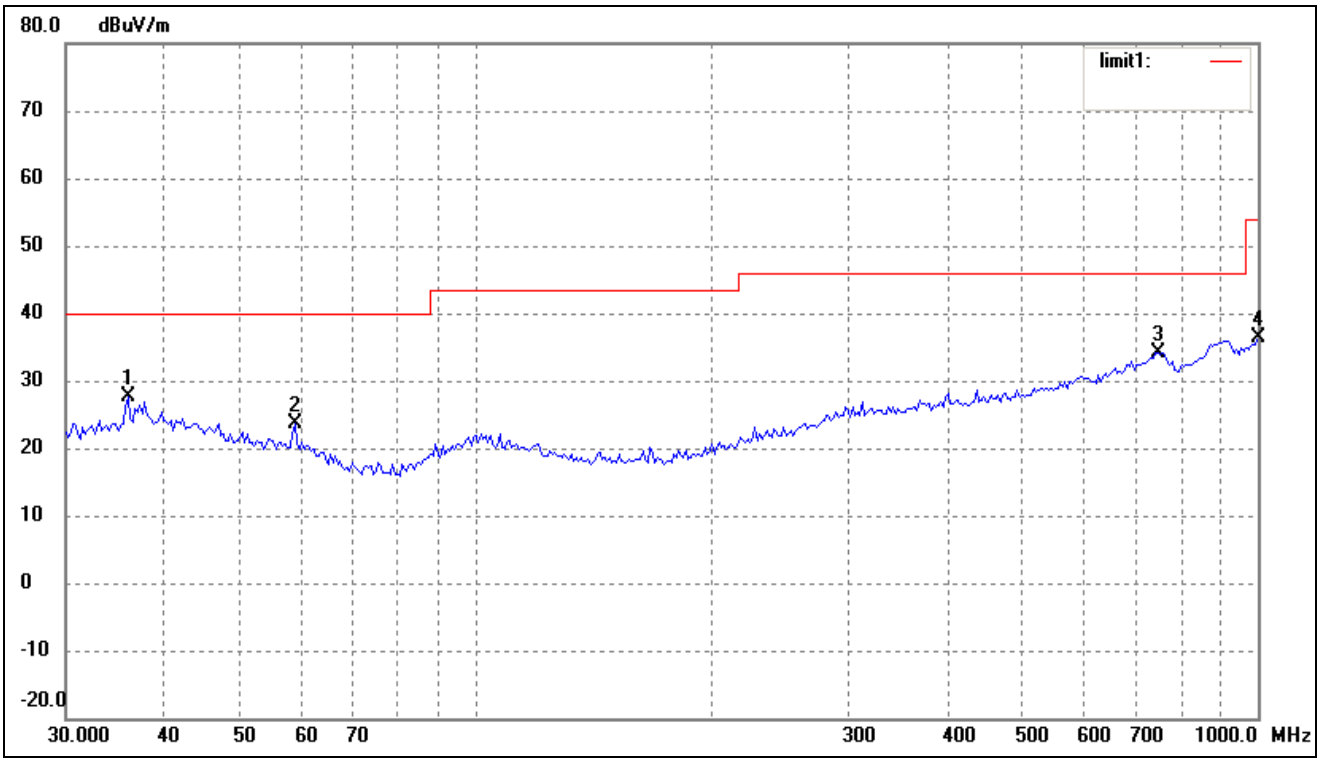
Test mode: Transmitting Channel 5190MHz

Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	33.0950	19.05	8.56	27.61	40.00	-12.39	178	100	peak
2	110.5687	16.99	5.80	22.79	43.50	-20.71	224	100	peak
3	744.8661	17.06	17.95	35.01	46.00	-10.99	160	100	peak
4	906.4824	16.94	19.15	36.09	46.00	-9.91	290	100	peak

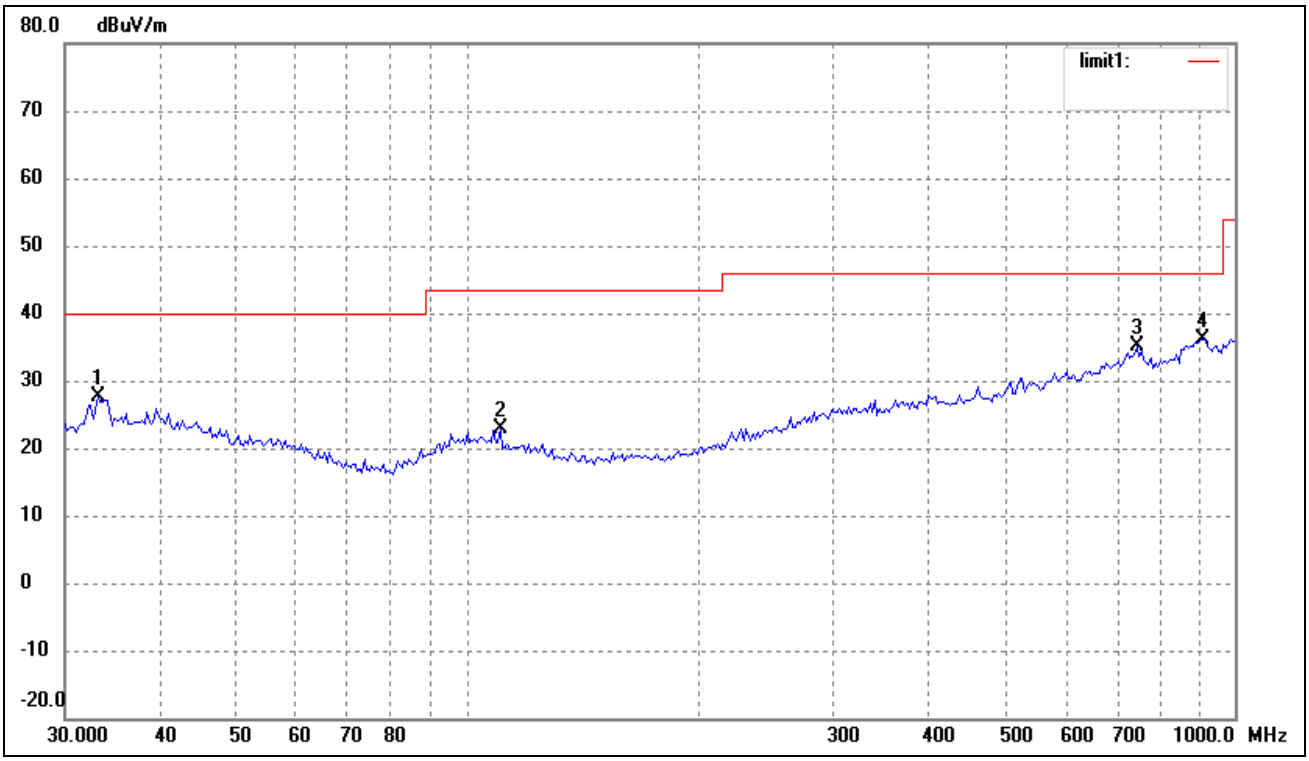
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	36.0007	18.59	9.04	27.63	40.00	-12.37	256	100	peak
2	58.8185	17.75	5.81	23.56	40.00	-16.44	360	100	peak
3	744.8661	16.16	17.95	34.11	46.00	-11.89	360	100	peak
4	1000.0000	16.41	19.90	36.31	54.00	-17.69	360	100	peak

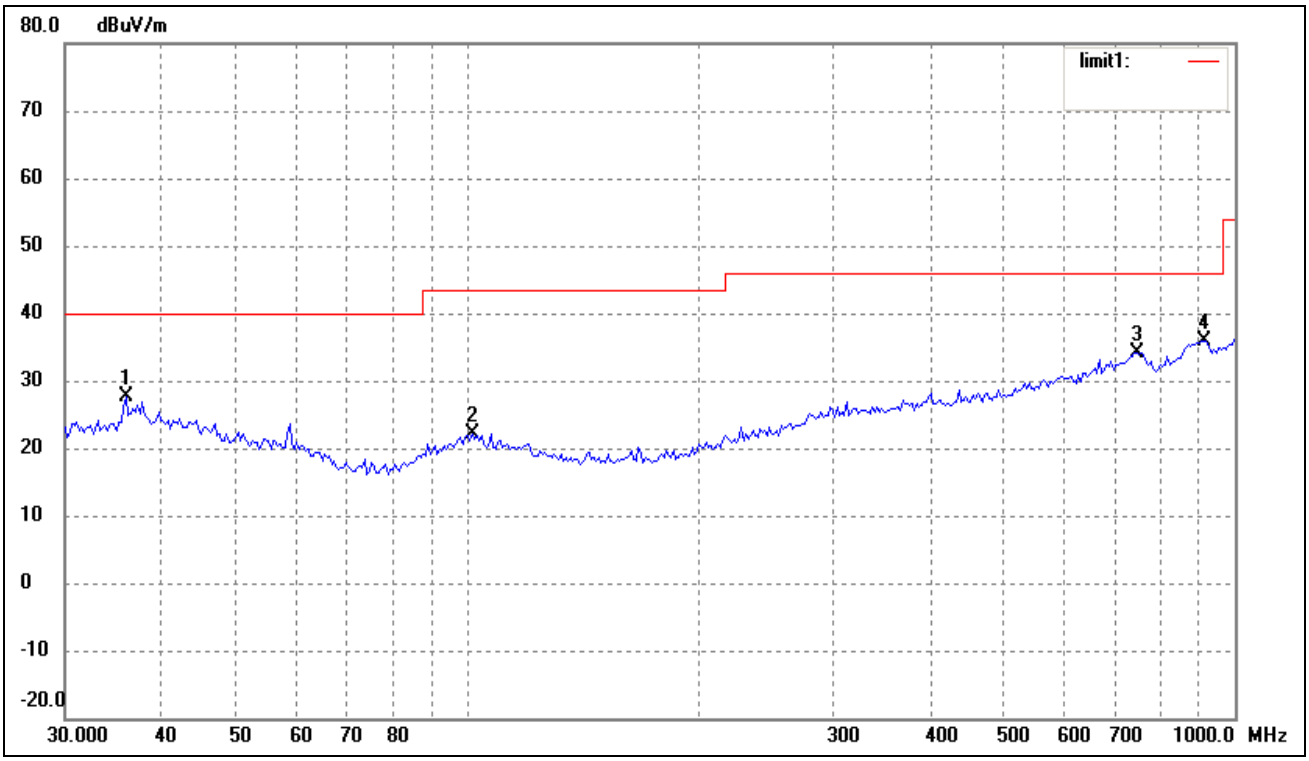
Test mode: Transmitting Channel 5230MHz

Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	33.0950	19.05	8.56	27.61	40.00	-12.39	176	100	peak
2	110.5687	16.99	5.80	22.79	43.50	-20.71	255	100	peak
3	744.8661	17.06	17.95	35.01	46.00	-10.99	360	100	peak
4	906.4824	16.94	19.15	36.09	46.00	-9.91	178	100	peak

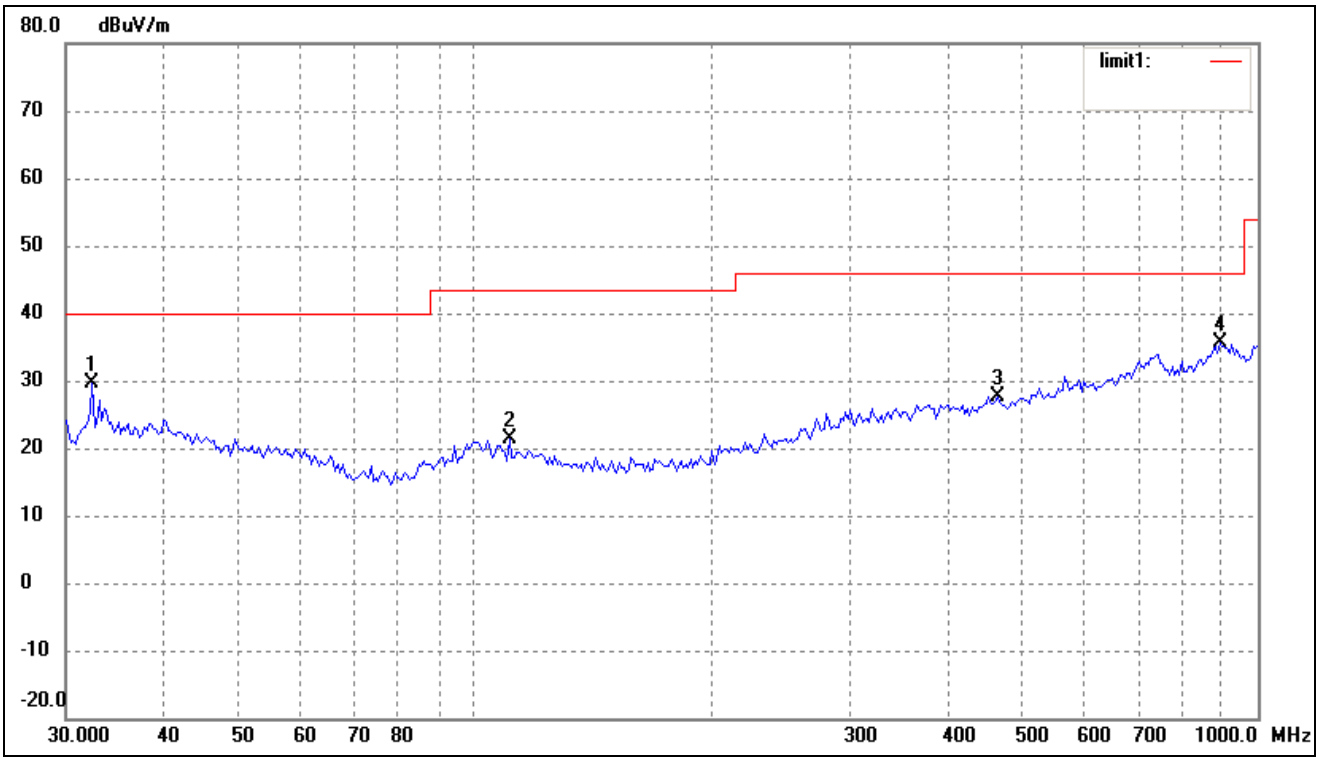
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	36.0007	18.59	9.04	27.63	40.00	-12.37	360	100	peak
2	101.6443	15.50	6.67	22.17	43.50	-21.33	225	100	peak
3	744.8661	16.16	17.95	34.11	46.00	-11.89	160	100	peak
4	912.8620	16.92	18.93	35.85	46.00	-10.15	310	100	peak

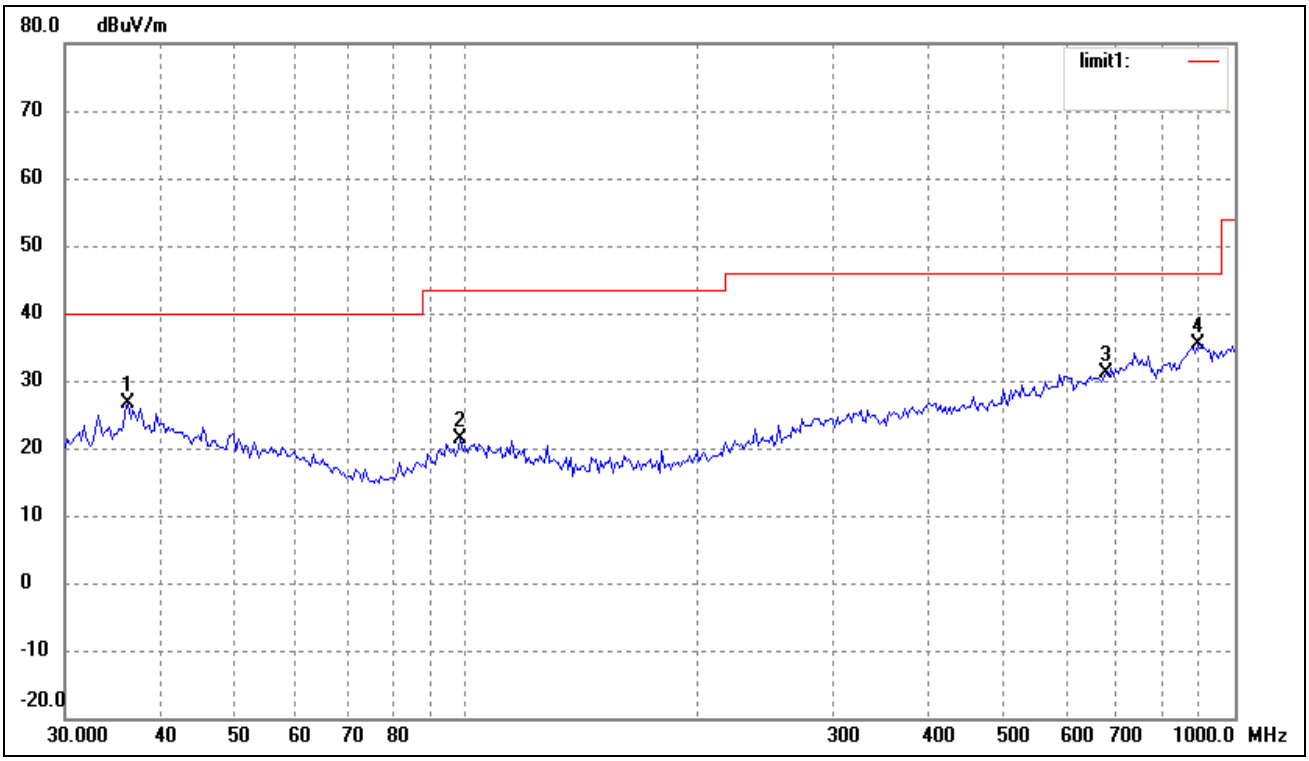
Test mode: Transmitting Channel 5270MHz

Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	32.4059	21.23	8.44	29.67	40.00	-10.33	174	100	peak
2	110.5687	15.56	5.80	21.36	43.50	-22.14	160	100	peak
3	465.5994	16.02	11.69	27.71	46.00	-18.29	320	100	peak
4	893.8567	16.34	19.27	35.61	46.00	-10.39	360	100	peak

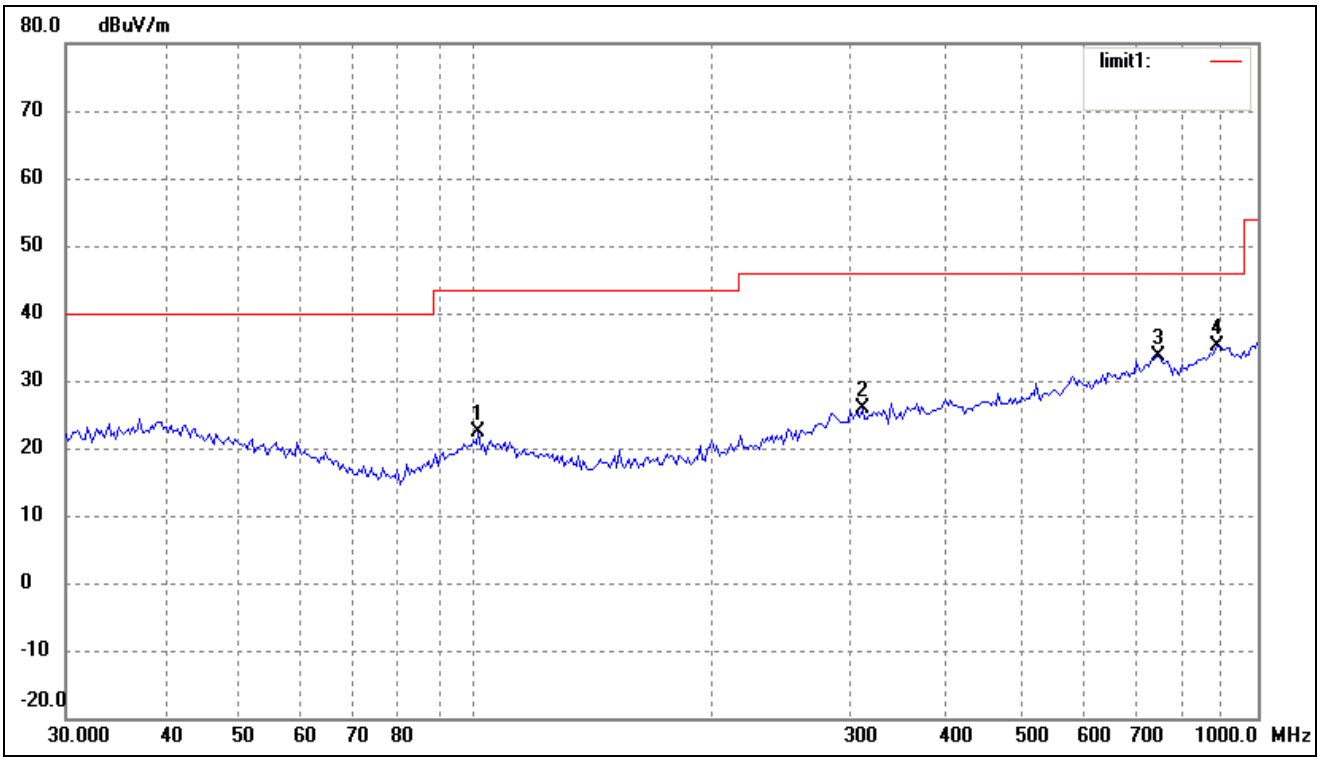
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	36.2541	17.45	9.09	26.54	40.00	-13.46	177	100	peak
2	98.1419	14.98	6.39	21.37	43.50	-22.13	90	100	peak
3	679.9600	15.48	15.55	31.03	46.00	-14.97	336	100	peak
4	893.8567	16.13	19.27	35.40	46.00	-10.60	360	100	peak

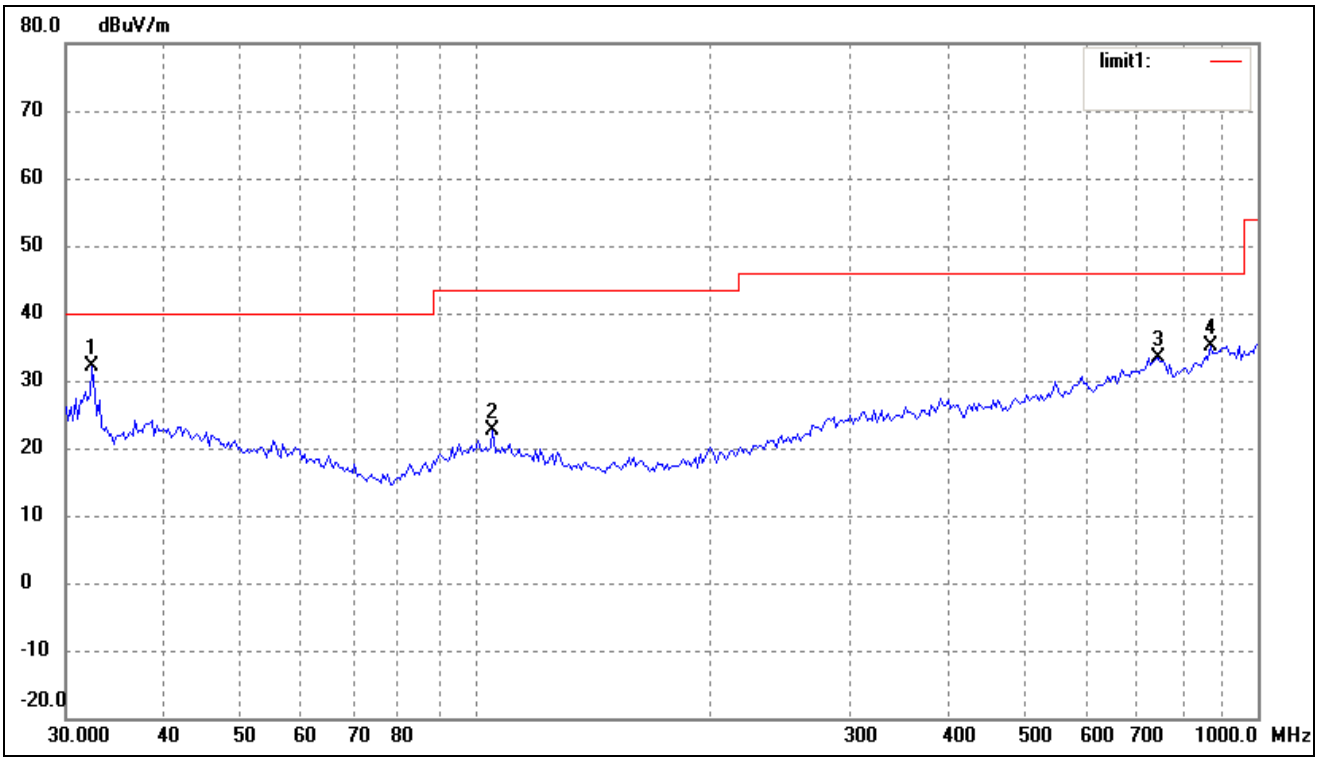
Test mode: Transmitting Channel 5310MHz

Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	100.9340	15.68	6.75	22.43	43.50	-21.07	274	100	peak
2	312.1794	15.59	10.36	25.95	46.00	-20.05	116	100	peak
3	744.8661	15.61	17.95	33.56	46.00	-12.44	82	100	peak
4	887.6099	15.93	19.15	35.08	46.00	-10.92	134	100	peak

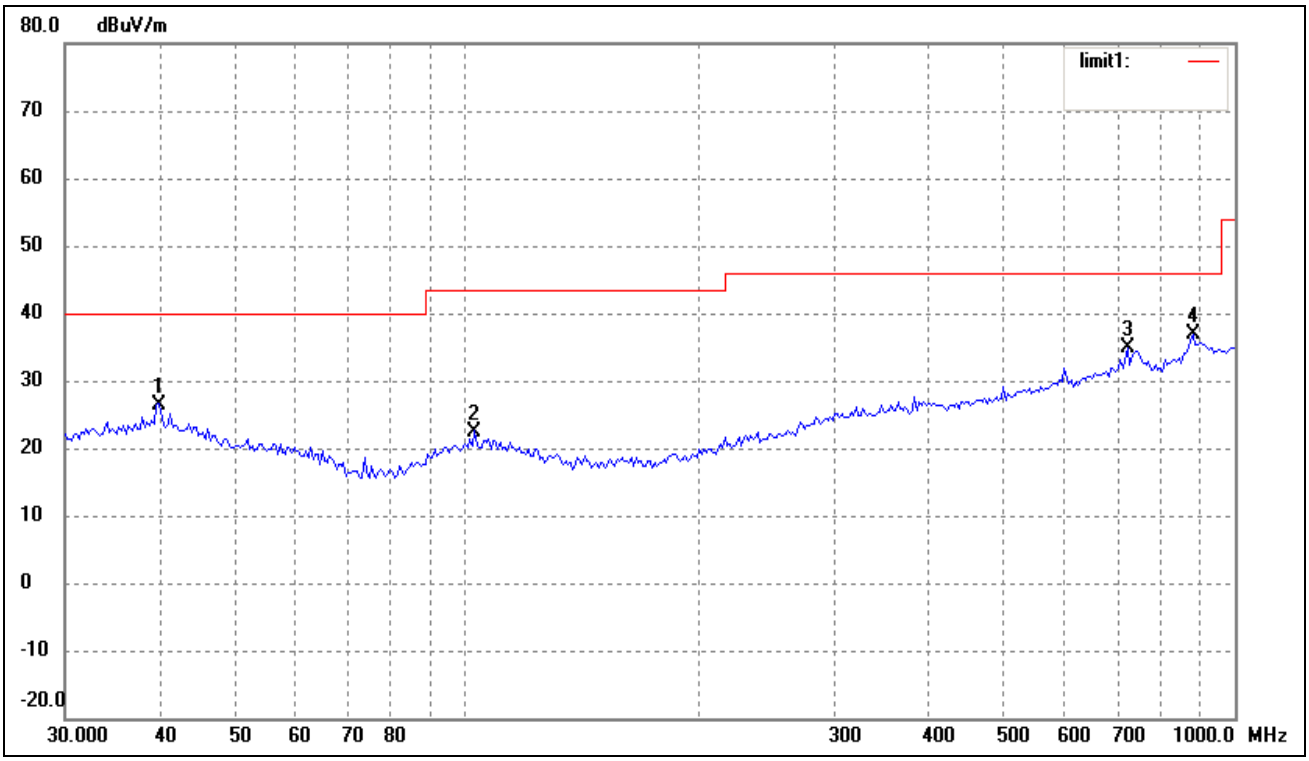
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	32.4059	23.69	8.44	32.13	40.00	-7.87	264	100	peak
2	105.2718	16.25	6.32	22.57	43.50	-20.93	110	100	peak
3	744.8661	15.46	17.95	33.41	46.00	-12.59	136	100	peak
4	869.1302	16.70	18.54	35.24	46.00	-10.76	90	100	peak

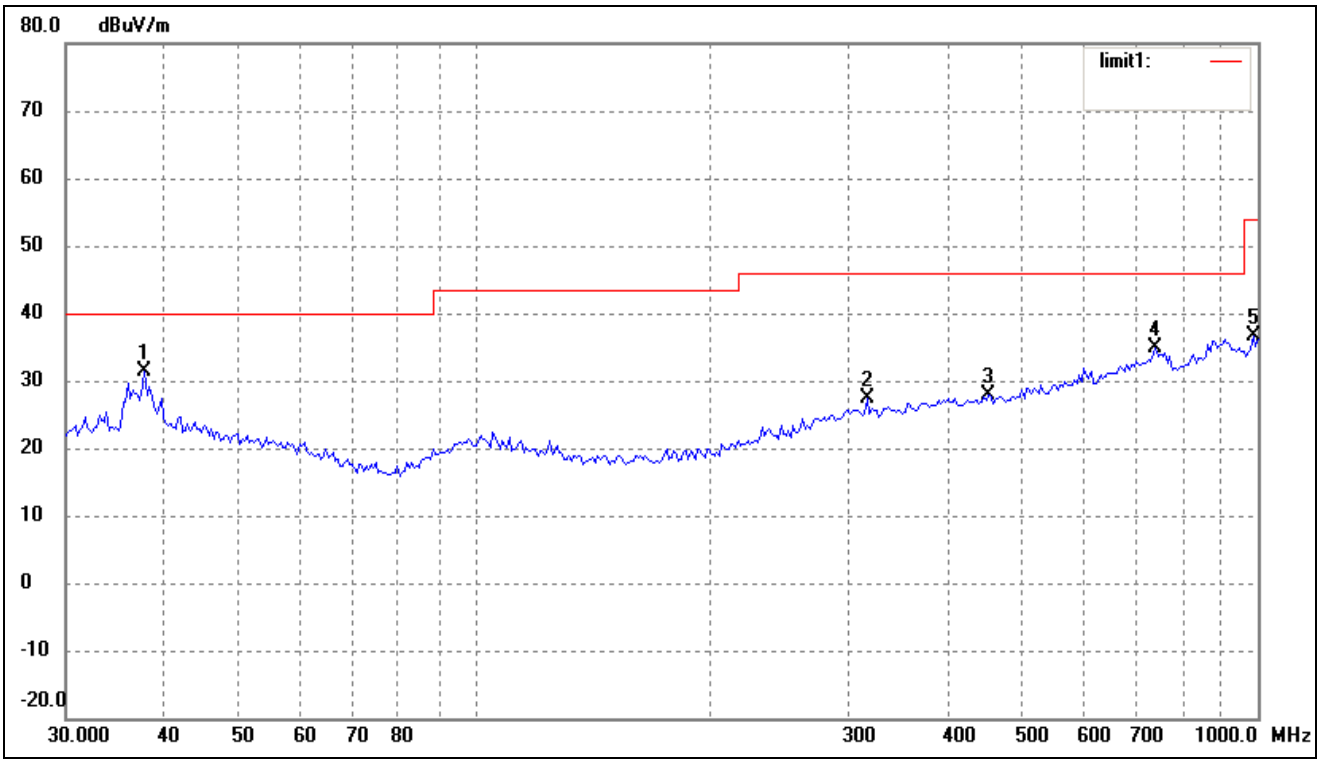
Test mode: Transmitting Channel 5510MHz

Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	39.7147	16.86	9.64	26.50	40.00	-13.50	360	100	peak
2	102.3597	15.89	6.61	22.50	43.50	-21.00	112	100	peak
3	724.2611	18.01	16.93	34.94	46.00	-11.06	180	200	peak
4	881.4067	17.84	19.03	36.87	46.00	-9.13	270	200	peak

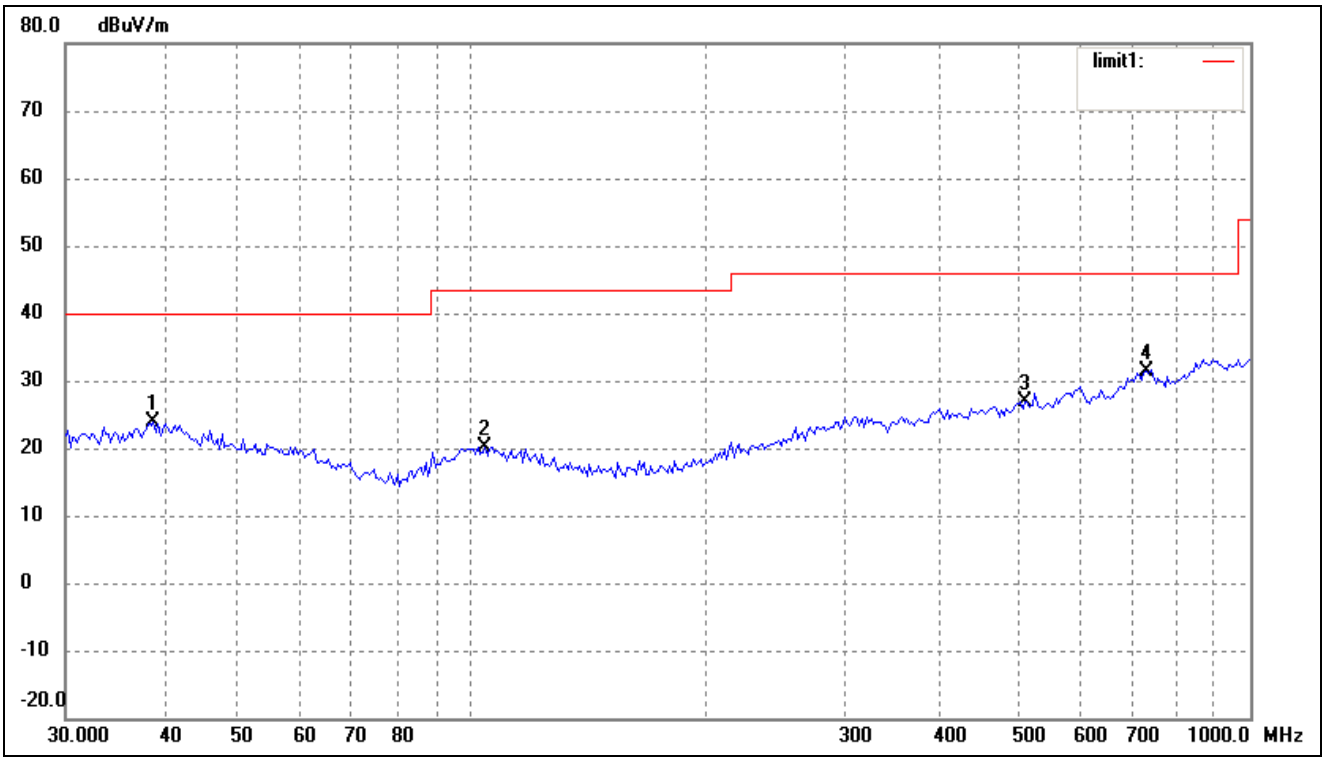
Test Specification: *Vertical*



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	37.8121	21.98	9.33	31.31	40.00	-8.69	267	100	peak
2	316.5890	16.84	10.44	27.28	46.00	-18.72	116	100	peak
3	452.7197	16.27	11.58	27.85	46.00	-18.15	360	100	peak
4	739.6605	16.81	18.07	34.88	46.00	-11.12	228	100	peak
5	986.0717	17.36	19.17	36.53	54.00	-17.47	270	100	peak

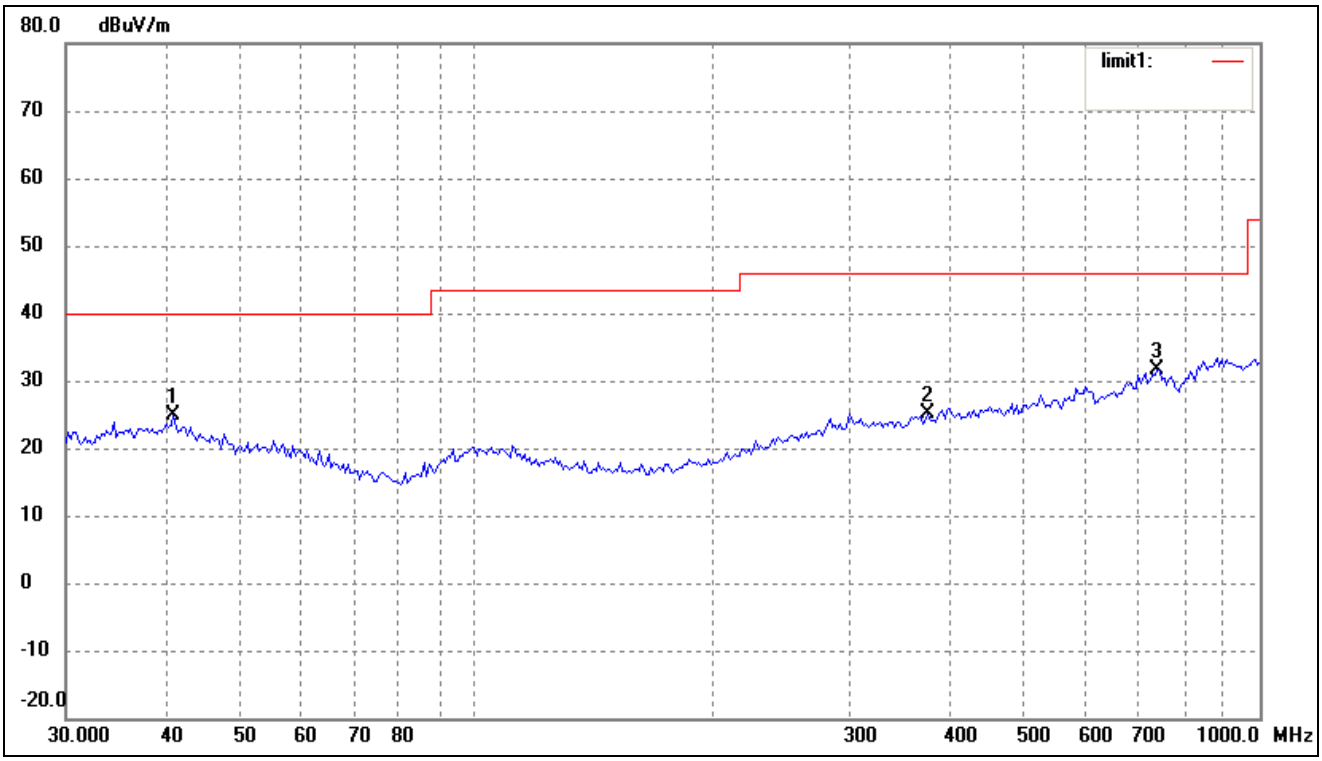
Test mode: Transmitting Channel 5590MHz

Horizontal



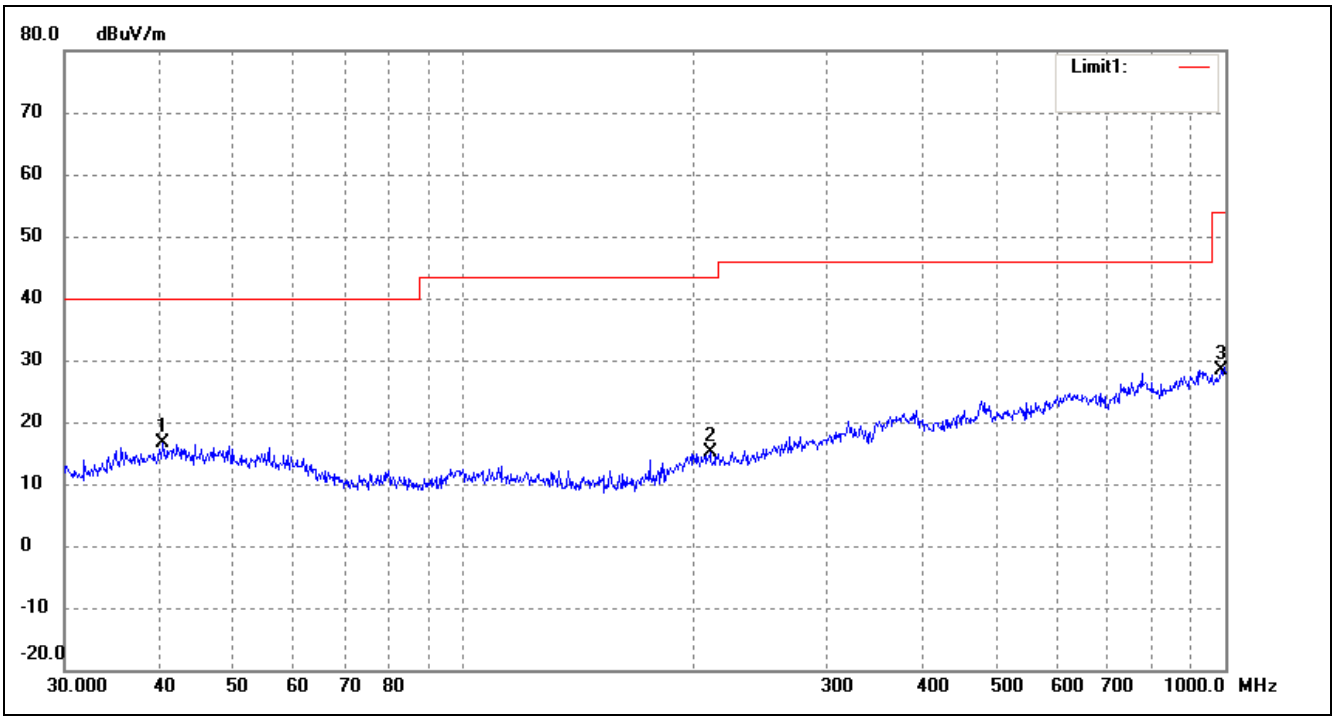
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	38.8879	14.75	9.06	23.81	40.00	-16.19	177	100	peak
2	103.8055	14.46	5.73	20.19	43.50	-23.31	90	100	peak
3	513.6331	15.58	11.21	26.79	46.00	-19.21	336	100	peak
4	734.4913	16.04	15.22	31.26	46.00	-14.74	360	100	peak

Test Specification: *Vertical*



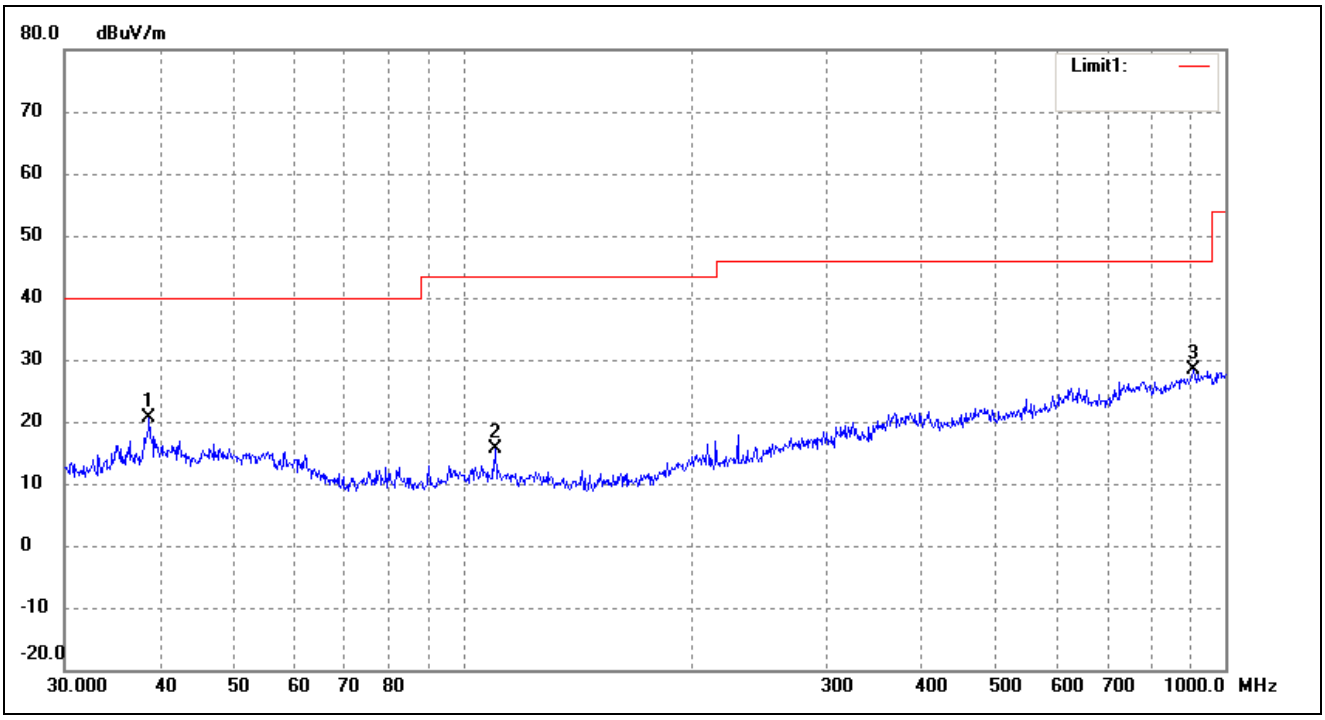
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	41.1320	15.91	8.91	24.82	40.00	-15.18	270	100	peak
2	377.2591	16.03	9.20	25.23	46.00	-20.77	164	100	peak
3	739.6605	16.06	15.53	31.59	46.00	-14.41	228	200	peak

Test mode: Transmitting Channel 5670MHz
Horizontal



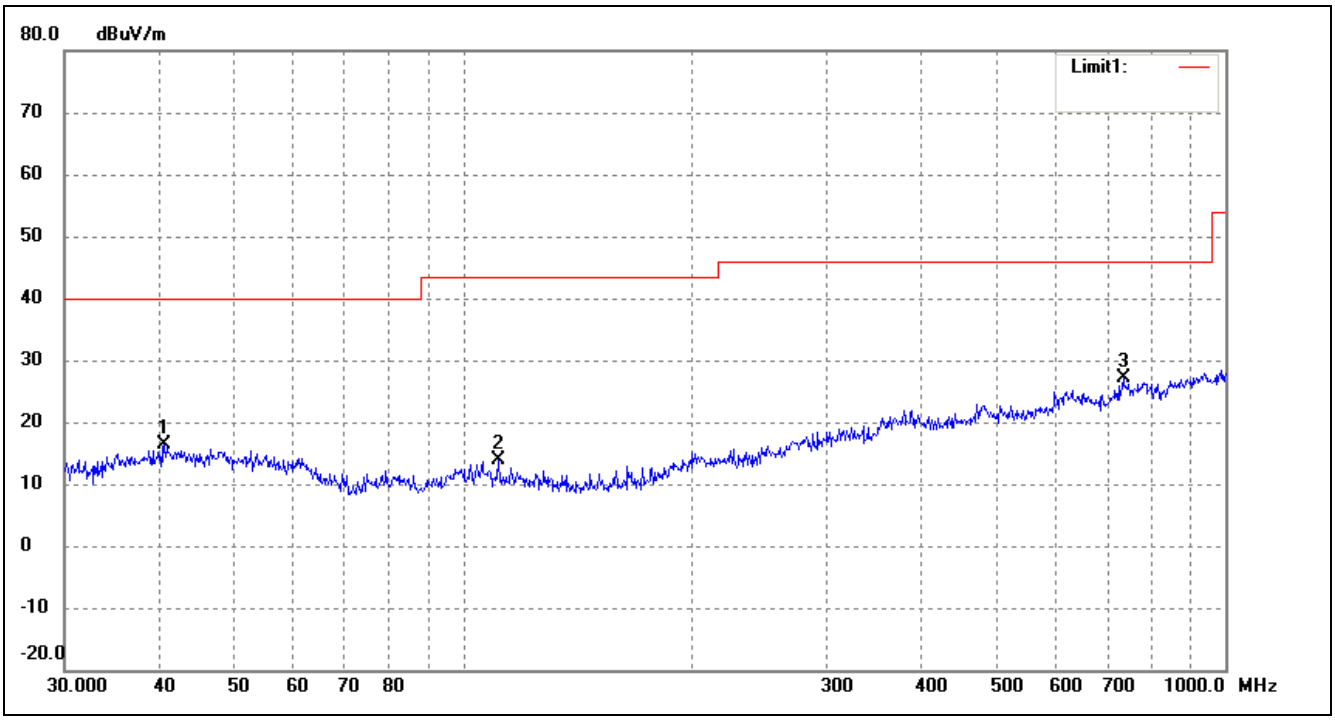
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	40.4172	24.28	-7.70	16.58	40.00	-23.42	129	100	peak
2	210.7860	23.96	-8.76	15.20	43.50	-28.30	154	100	peak
3	989.5355	24.05	4.32	28.37	54.00	-25.63	136	100	peak

Test Specification: *Vertical*



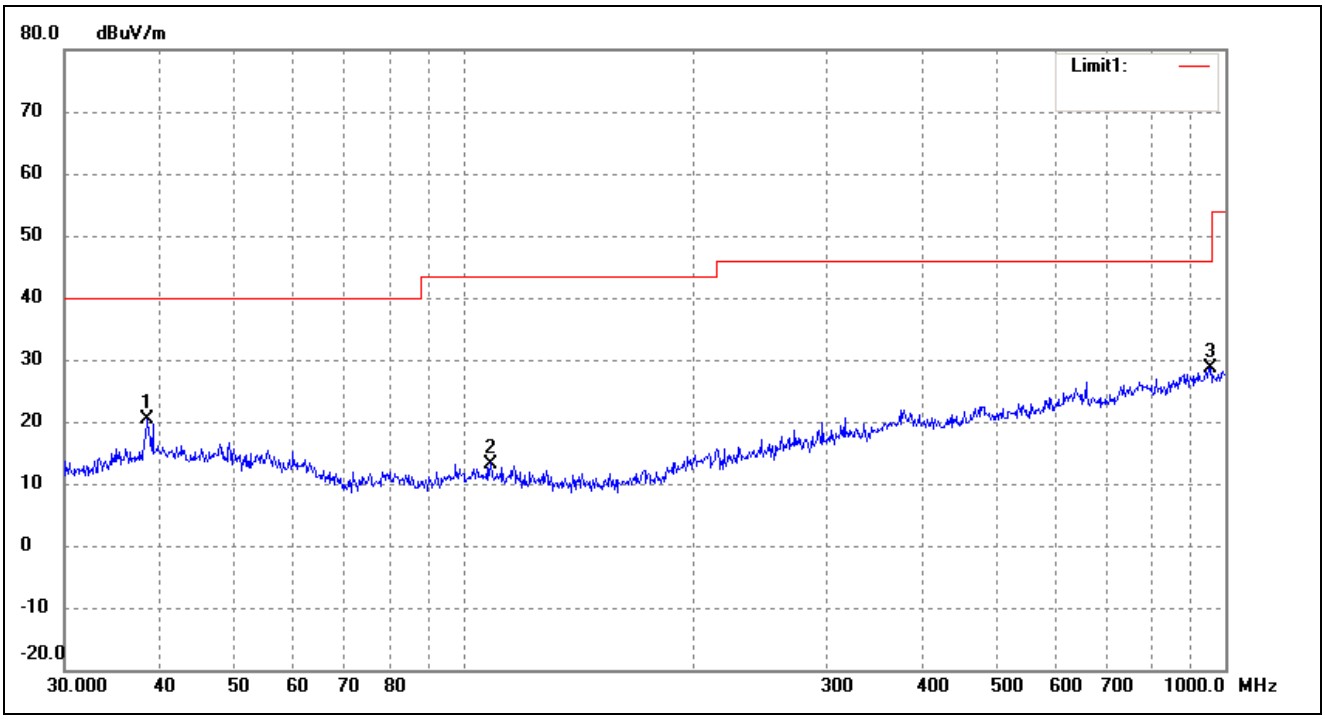
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	38.7518	28.58	-8.00	20.58	40.00	-19.42	187	100	peak
2	110.1816	26.80	-11.17	15.63	43.50	-27.87	192	100	peak
3	906.4824	25.03	3.31	28.34	46.00	-17.66	155	200	peak

Test mode: Transmitting Channel 5755MHz
Horizontal



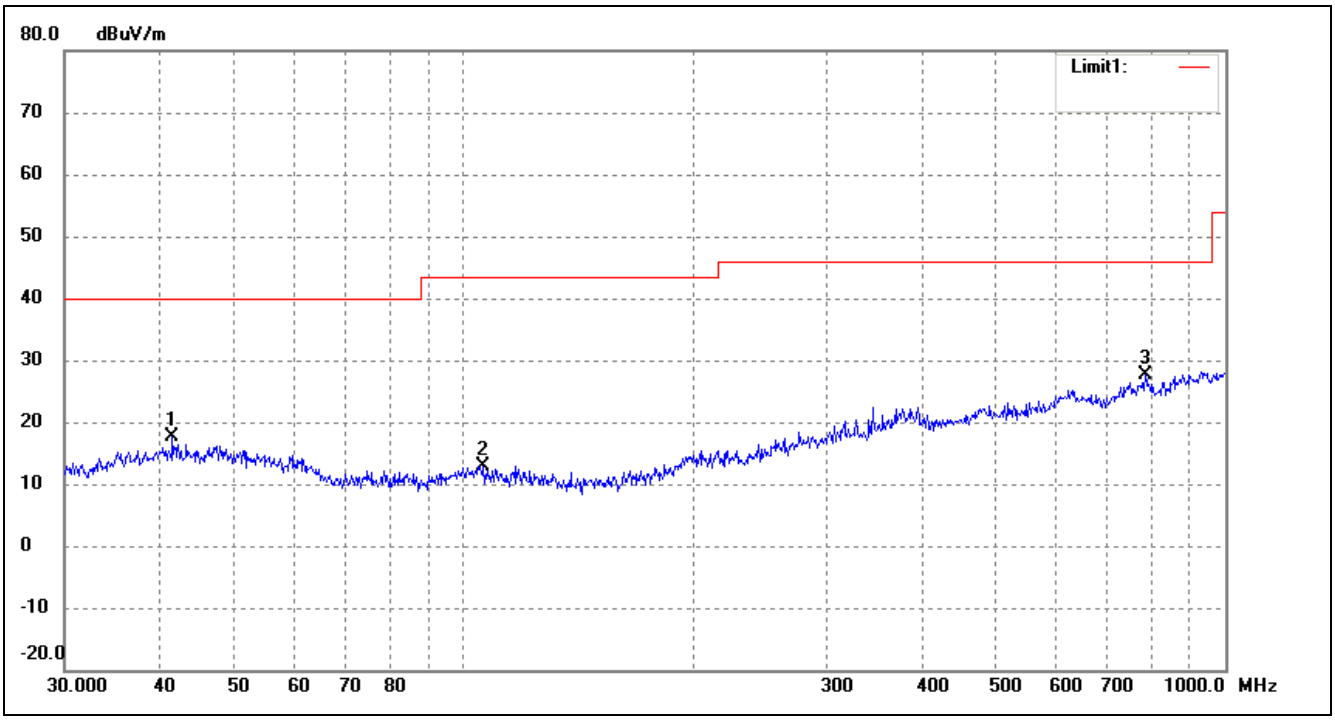
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	40.5591	24.18	-7.70	16.48	40.00	-23.52	147	100	peak
2	111.3468	25.03	-11.21	13.82	43.50	-29.68	158	100	peak
3	734.4913	25.22	1.80	27.02	46.00	-18.98	169	100	peak

Test Specification: *Vertical*



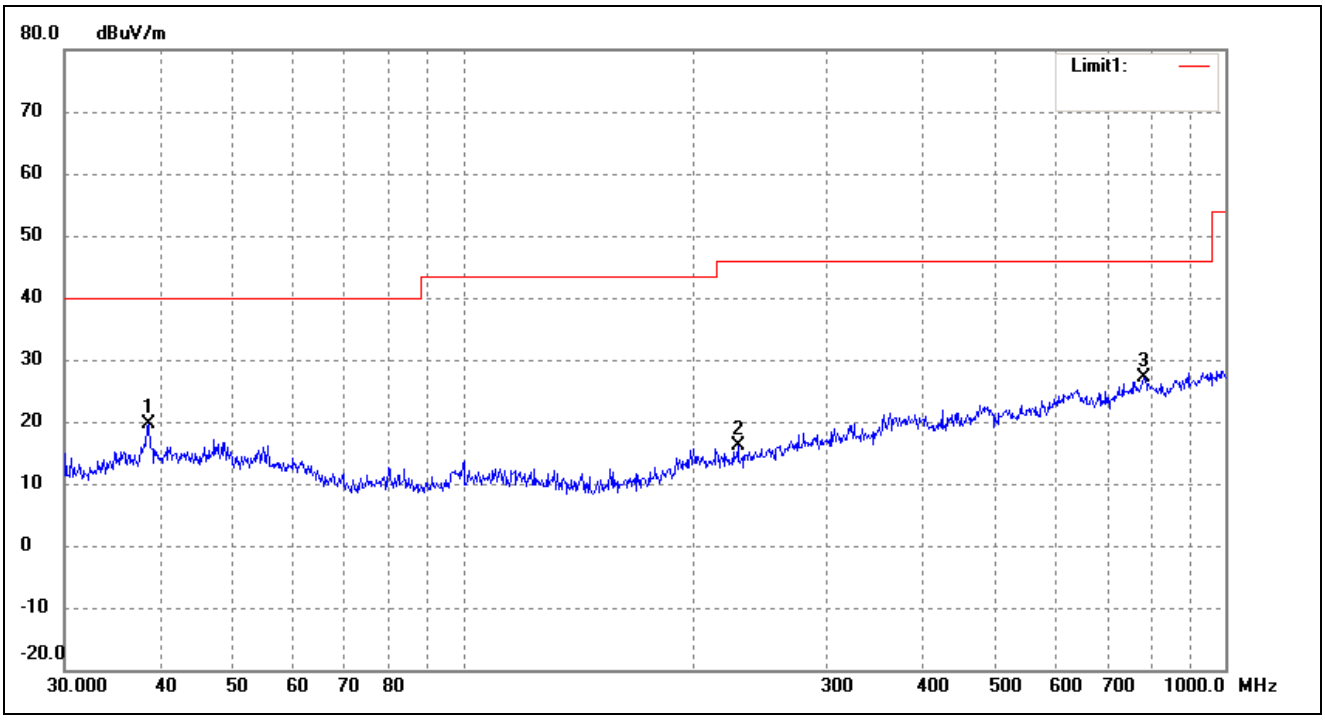
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	38.4809	28.35	-8.08	20.27	40.00	-19.73	233	100	peak
2	108.6470	24.37	-11.12	13.25	43.50	-30.25	254	100	peak
3	955.4381	24.88	3.73	28.61	46.00	-17.39	298	200	peak

Test mode: Transmitting Channel 5795MHz
Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	41.5670	25.34	-7.77	17.57	40.00	-22.43	245	100	peak
2	106.3850	24.07	-11.07	13.00	43.50	-30.50	165	100	peak
3	785.0935	25.09	2.65	27.74	46.00	-18.26	314	100	peak

Test Specification: *Vertical*



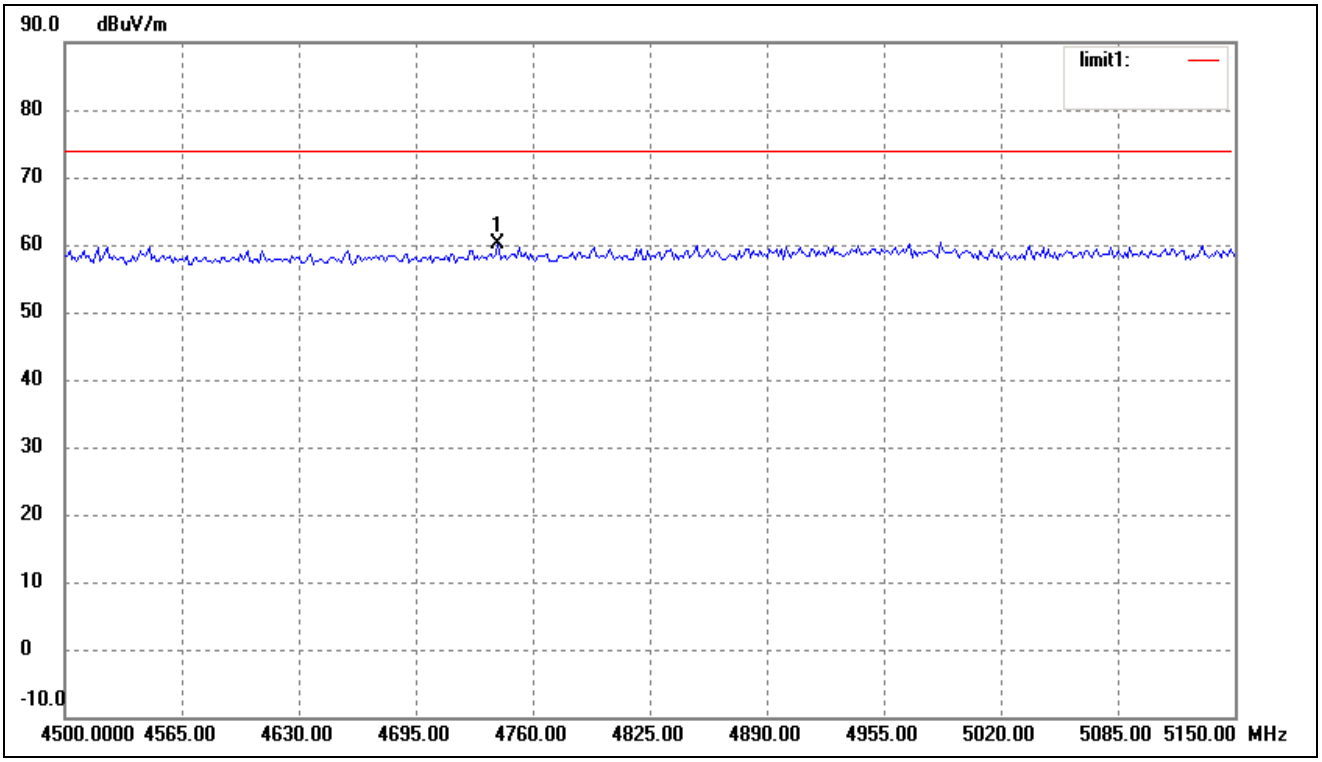
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	Factor(dB)	(dBuV/m)	(dBuV/m)	(dB)	(•)	(cm)	
1	38.7518	27.53	-8.01	19.52	40.00	-20.48	298	100	peak
2	229.2931	24.78	-8.60	16.18	46.00	-29.82	57	100	peak
3	782.3453	24.23	2.78	27.01	46.00	-18.99	96	200	peak

For 802.11a

Spurious Emission above 1GHz

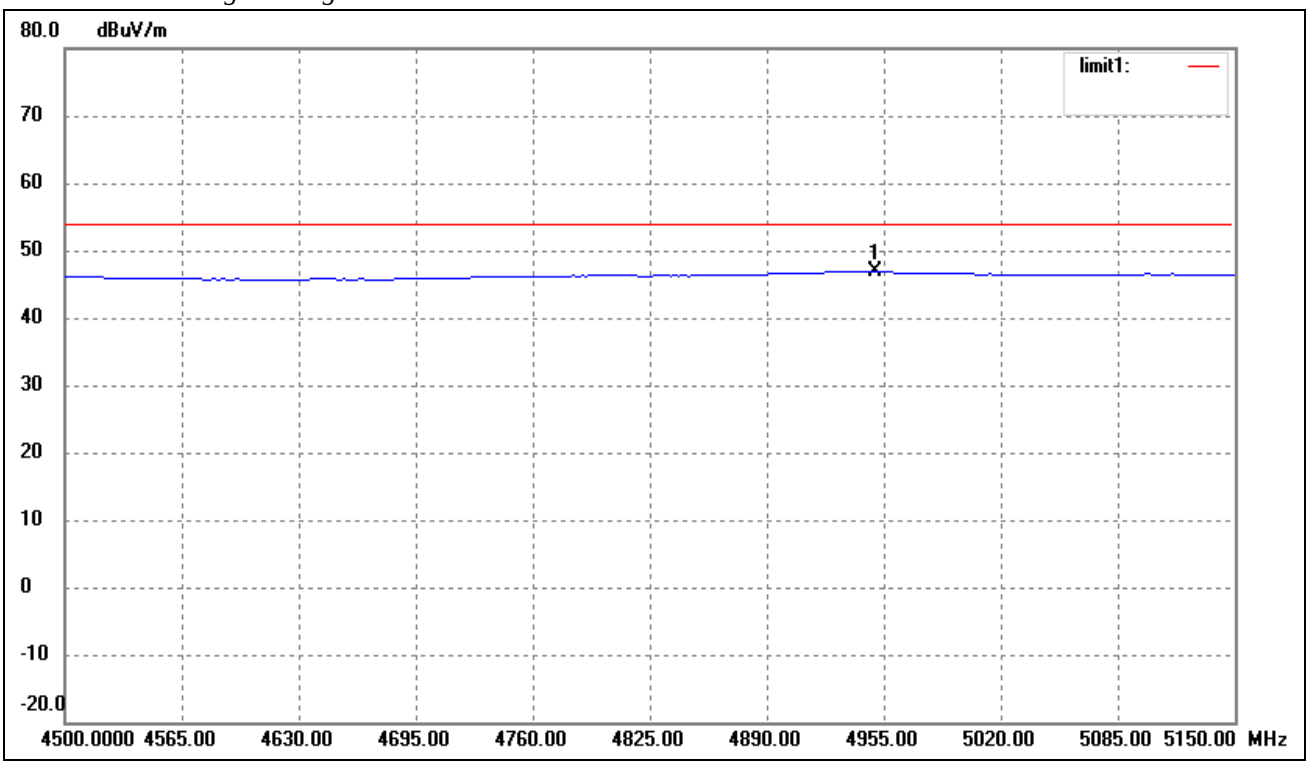
For the frequency band 5.15-5.25GHz(802.11a)

Restricted Bandedge Peak



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	4741.824	29.65	30.41	60.06	74.00	-13.94	360	100	peak

Restricted Bandedge Average



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	4950.120	16.13	30.71	46.84	54.00	-7.16	360	100	Ave

Note: this EUT was tested in the low, high channel and the worst case position data was reported.

Hormonics And Spurious Emissions

Frequency MHz	Detector	Meter Reading dBuV	Direction Degree	Polar H / V	Antenna Loss dB	Cable loss dB	Amplifier dB	Correction Amplitude dBuV/m	Limit dBuV/m	Margin dB
Low Channel (5180MHz)										
15540	PK	50.8	360	V	40.7	10.9	39.6	62.8	74	-11.2
15540	PK	49.4	360	H	40.7	10.9	39.6	61.4	74	-12.6
15540	AV	35.6	360	V	40.7	10.9	39.6	47.6	54	-6.4
15540	AV	34.7	360	H	40.7	10.9	39.6	46.7	54	-7.3
High Channel (5240MHz)										
15720	PK	51.1	360	V	40.7	10.9	39.6	63.1	74	-10.9
15720	PK	50.3	360	H	40.7	10.9	39.6	62.3	74	-11.7
15720	AV	35.4	360	V	40.7	10.9	39.6	47.4	54	-6.6
15720	AV	34.3	360	H	40.7	10.9	39.6	46.3	54	-7.7

Out of Band edge

Test CH.	**Test Segment**	**Result**	**Limit**
	MHz	**dBm/MHz**	**dBm/MHz**
Lowest	Below 5150	-45.35	-27
Highest	Above 5350	-43.56	-27
Note: the data just list the worst cases			

For the frequency band 5.250-5.350GHz (802.11a)

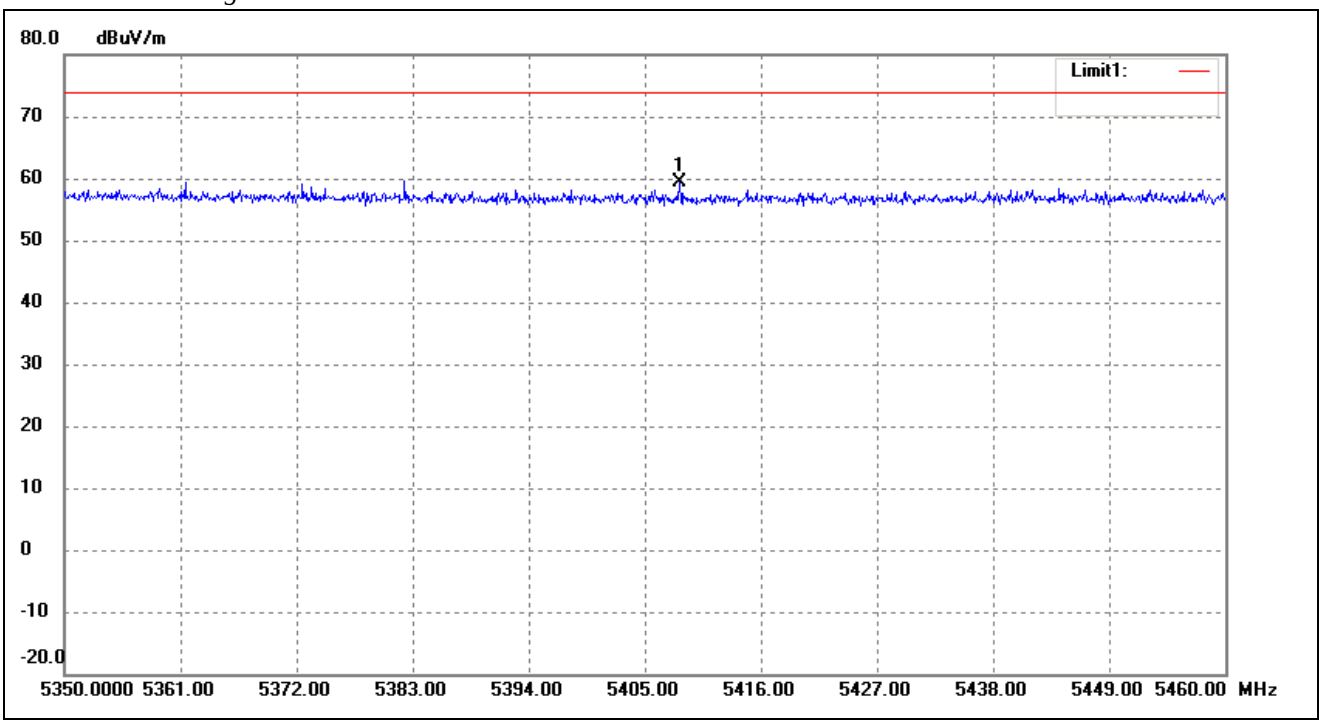
Hormonics And Spurious Emissions

Frequency MHz	Detector	Meter Reading dBuV	Direction Degree	Polar H / V	Antenna Loss dB	Cable loss dB	Amplifier dB	Correction Amplitude dBuV/m	Limit dBuV/m	Margin dB
Low Channel (5260MHz)										
10520	PK	53.1	360	V	38.3	7.24	40.1	58.54	74	-15.46
10520	PK	56.8	360	H	38.3	7.24	40.1	62.24	74	-11.76
10520	AV	37.9	360	V	38.3	7.24	40.1	43.34	54	-10.66
10520	AV	39.4	360	H	38.3	7.24	40.1	44.84	54	-9.16
High Channel (5320MHz)										
10640	PK	51.6	360	V	38.3	7.24	40.1	57.04	74	-16.96
10640	PK	53.7	360	H	38.3	7.24	40.1	59.14	74	-14.86
10640	AV	35.8	360	V	38.3	7.24	40.1	41.24	54	-12.76
10640	AV	37.1	360	H	38.3	7.24	40.1	42.54	54	-11.46

Out of Band edge

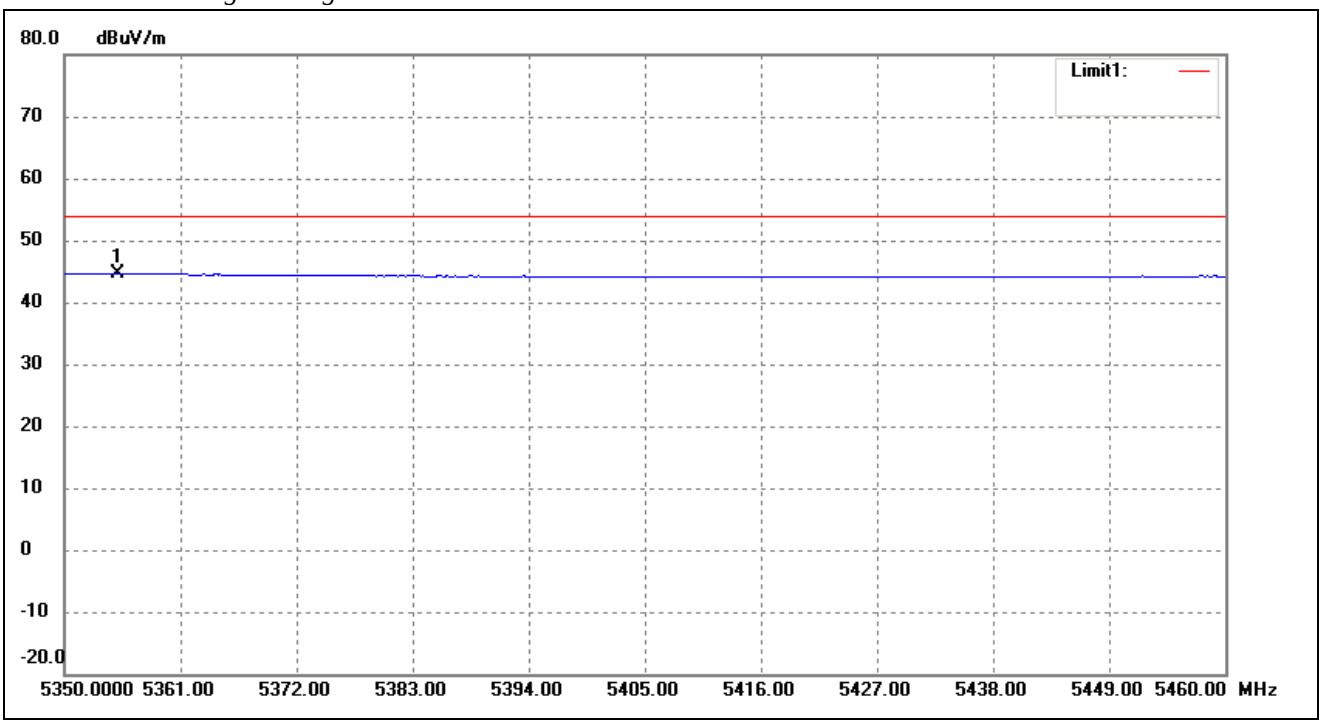
Test CH.	**Test Segment**	**Result**	**Limit**
	MHz	**dBm/MHz**	**dBm/MHz**
Lowest	Below 5150	-43.37	-27
Highest	Above 5350	-46.67	-27
Note: the data just list the worst cases			

Restricted Bandedge Peak



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5408.300	64.36	-5.06	59.30	74.00	-14.70	360	100	peak

Restricted Bandedge Average



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5355.060	49.71	-5.09	44.62	54.00	-9.38	360	100	peak

For the frequency band 5.470-5.725GHz (802.11a)

Hormonics And Spurious Emissions

Frequency MHz	Detector	Meter Reading dBuV	Direction Degree	Polar H / V	Antenna Loss dB	Cable loss dB	Amplifier dB	Correction Amplitude dBuV/m	Limit dBuV/m	Margin dB
Low Channel (5500MHz)										
11000	PK	53.9	360	V	38.5	8.35	40.1	60.65	74	-13.35
11000	PK	55.8	360	H	38.5	8.35	40.1	62.55	74	-11.45
11000	AV	37.1	360	V	38.5	8.35	40.1	43.85	54	-10.15
11000	AV	39.8	360	H	38.5	8.35	40.1	46.55	54	-7.45
High Channel (5700MHz)										
11400	PK	50.6	360	V	38.9	8.4	40.1	57.8	74	-16.2
11400	PK	52.7	360	H	38.9	8.4	40.1	59.9	74	-14.1
11400	AV	32.7	360	V	38.9	8.4	40.1	39.9	54	-14.1
11400	AV	34.6	360	H	38.9	8.4	40.1	41.8	54	-12.2

Out of Band edge

Test CH.	**Test Segment**	**Result**	**Limit**
	MHz	**dBm/MHz**	**dBm/MHz**
Lowest	Below 5470	-43.37	-27
Highest	Above 5725	-46.67	-27
Note: the data just list the worst cases			

For the frequency band 5.725-5.850GHz (802.11a)

Hormonics And Spurious Emissions

Frequency MHz	Detector	Meter Reading dBuV	Direction Degree	Polar H / V	Antenna Loss dB	Cable loss dB	Amplifier dB	Correction Amplitude dBuV/m	Limit dBuV/m	Margin dB
Low Channel (5745MHz)										
11490	PK	55.8	360	V	38.9	9.8	40.1	64.4	74	-9.6
11490	PK	54.5	360	H	38.9	9.8	40.1	63.1	74	-10.9
11490	AV	36.7	360	V	38.9	9.8	40.1	45.3	54	-8.7
11490	AV	35.0	360	H	38.9	9.8	40.1	43.6	54	-10.4
High Channel (5805MHz)										
11610	PK	54.2	360	V	38.9	9.8	40.1	62.8	74	-11.2
11610	PK	53.1	360	H	38.9	9.8	40.1	61.7	74	-12.3
11610	AV	37.4	360	V	38.9	9.8	40.1	46.0	54	-8.0
11610	AV	36.3	360	H	38.9	9.8	40.1	44.9	54	-9.1

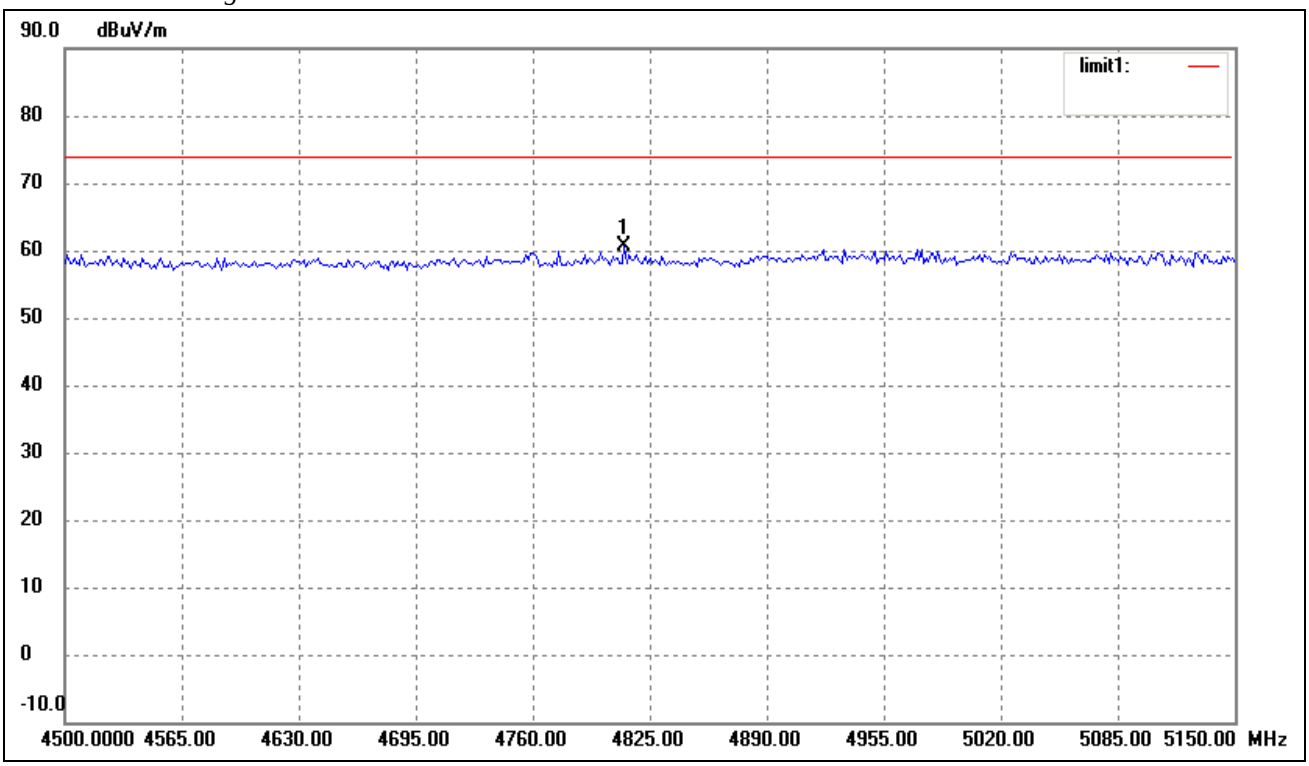
Out of Band edge

Test CH.	**Test Segment**	**Result**	**Limit**
	MHz	**dBm/MHz**	**dBm/MHz**
Lowest	Below 5715	-49.30	-27
	5715 to 5725	-45.52	-17
Highest	5850 to 5860	-43.37	-17
	Above 5860	-49.60	-27
Note: the data just list the worst cases			

802.11n HT20

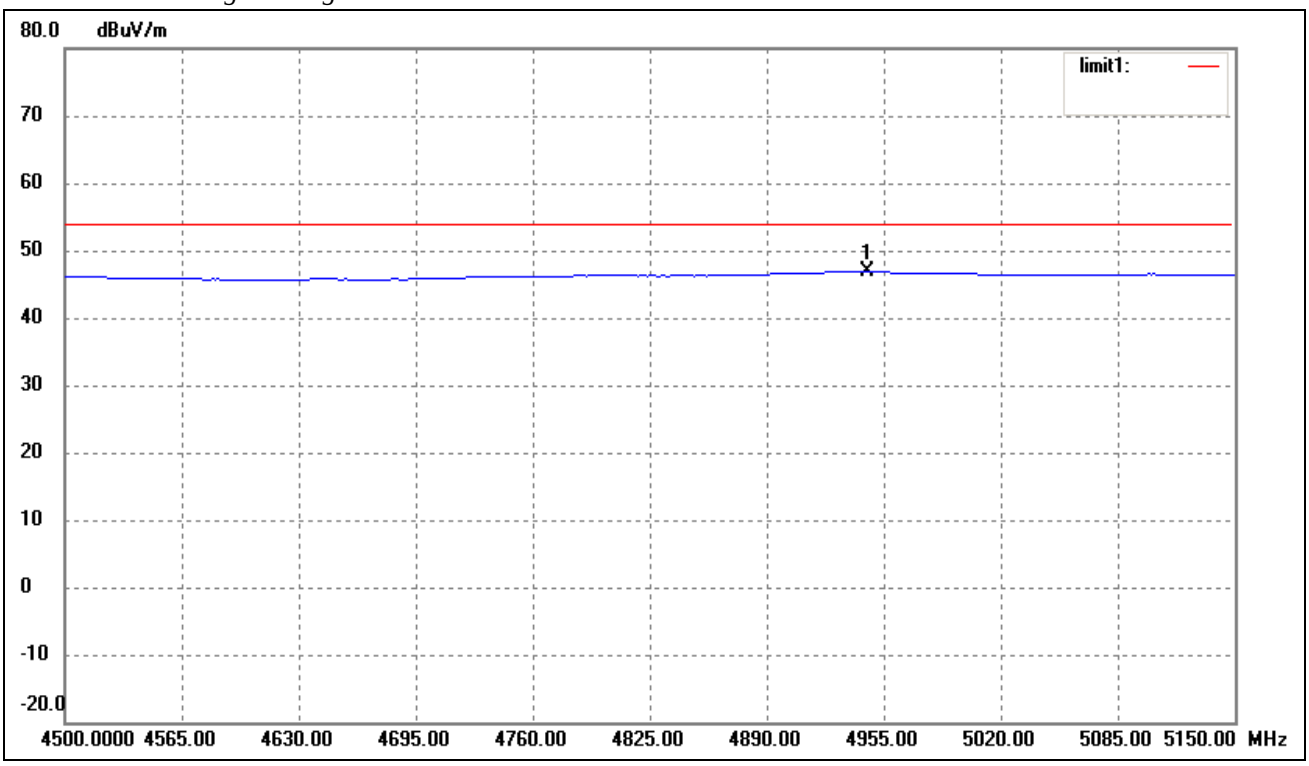
For the frequency band 5.15-5.25GHz(802.11n HT20)

Restricted Bandedge Peak



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	4810.700	30.04	30.52	60.56	74.00	-13.44	360	100	peak

Restricted Bandedge Average



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	4945.900	16.13	30.71	46.84	54.00	-7.16	360	100	Ave

Note: this EUT was tested in the low, high channel and the worst case position data was reported.

Hormonics And Spurious Emissions

Frequency MHz	Detector	Meter Reading dBuV	Direction Degree	Polar H / V	Antenna Loss dB	Cable loss dB	Amplifier dB	Correction Amplitude dBuV/m	Limit dBuV/m	Margin dB
Low Channel (5180MHz)										
15540	PK	50.9	360	V	40.7	10.9	39.6	62.9	74	-11.1
15540	PK	50.4	360	H	40.7	10.9	39.6	62.4	74	-11.6
15540	AV	34.5	360	V	40.7	10.9	39.6	46.5	54	-7.5
15540	AV	34.6	360	H	40.7	10.9	39.6	46.6	54	-7.4
High Channel (5240MHz)										
15720	PK	50.3	360	V	40.7	10.9	39.6	62.3	74	-11.7
15720	PK	49.5	360	H	40.7	10.9	39.6	61.5	74	-12.5
15720	AV	34.2	360	V	40.7	10.9	39.6	46.2	54	-7.8
15720	AV	33.8	360	H	40.7	10.9	39.6	45.8	54	-8.2

Out of Band edge

Test CH.	**Test Segment**	**Result**	**Limit**
	MHz	**dBm/MHz**	**dBm/MHz**
Lowest	Below 5150	-43.37	-27
Highest	Above 5350	-46.67	-27
Note: the data just list the worst cases			

For the frequency band 5.250-5.350GHz (802.11n HT20)

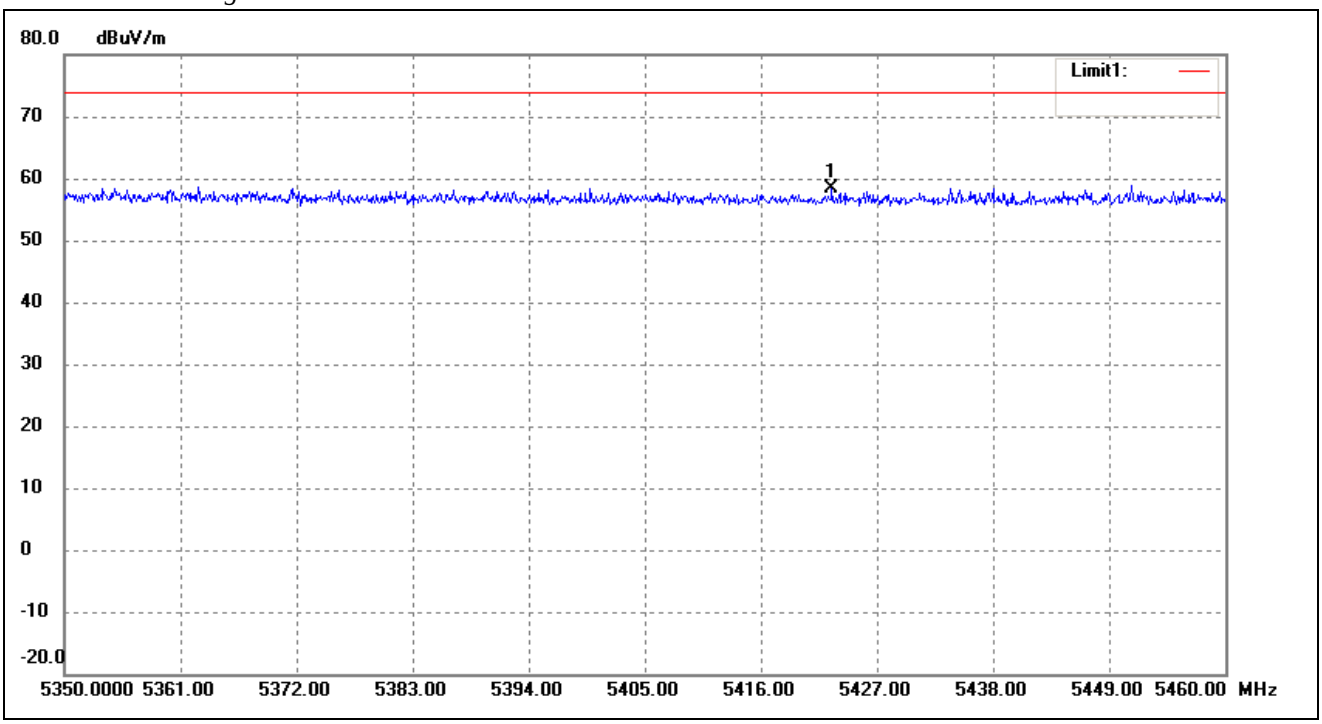
Hormonics And Spurious Emissions

Frequency MHz	Detector	Meter Reading dBuV	Direction Degree	Polar H / V	Antenna Loss dB	Cable loss dB	Amplifier dB	Correction Amplitude dBuV/m	Limit dBuV/m	Margin dB
Low Channel (5260MHz)										
10520	PK	54.7	360	V	38.3	7.24	40.1	60.14	74	-13.86
10520	PK	57.1	360	H	38.3	7.24	40.1	62.54	74	-11.46
10520	AV	36.9	360	V	38.3	7.24	40.1	42.34	54	-11.66
10520	AV	38.2	360	H	38.3	7.24	40.1	43.64	54	-10.36
High Channel (5320MHz)										
10640	PK	52.3	360	V	38.3	7.24	40.1	57.74	74	-16.26
10640	PK	54.7	360	H	38.3	7.24	40.1	60.14	74	-13.86
10640	AV	36.5	360	V	38.3	7.24	40.1	41.94	54	-12.06
10640	AV	38.6	360	H	38.3	7.24	40.1	44.04	54	-9.96

Out of Band edge

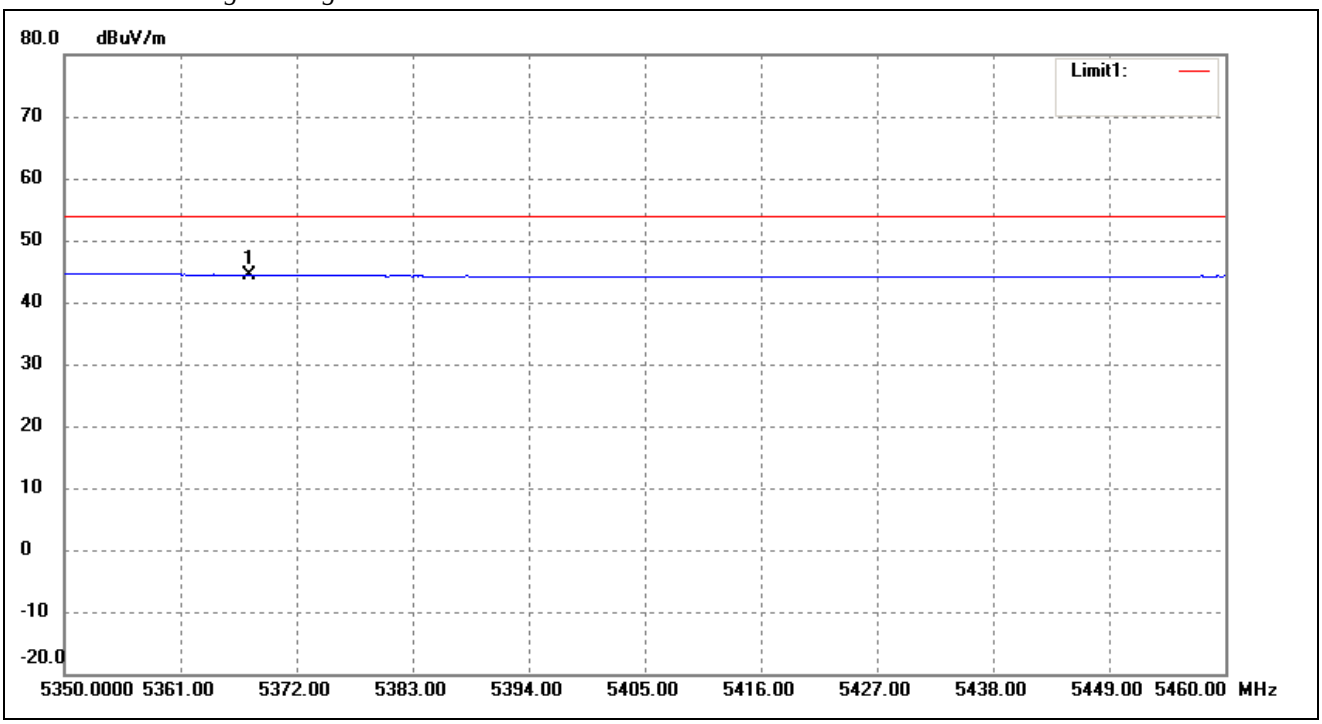
Test CH.	**Test Segment**	**Result**	**Limit**
	MHz	**dBm/MHz**	**dBm/MHz**
Lowest	Below 5150	-43.37	-27
Highest	Above 5350	-46.67	-27
Note: the data just list the worst cases			

Restricted Bandedge Peak



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5422.710	63.48	-5.05	58.43	74.00	-15.57	360	100	peak

Restricted Bandedge Average



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5367.490	49.53	-5.08	44.45	54.00	-9.55	360	100	peak

For the frequency band 5.470-5.725GHz (802.11n HT20)

Hormonics And Spurious Emissions

Frequency MHz	Detector	Meter Reading dBuV	Direction Degree	Polar H / V	Antenna Loss dB	Cable loss dB	Amplifier dB	Correction Amplitude dBuV/m	Limit dBuV/m	Margin dB
Low Channel (5500MHz)										
11000	PK	52.1	360	V	38.5	8.35	40.1	58.85	74	-15.15
11000	PK	55.2	360	H	38.5	8.35	40.1	61.95	74	-12.05
11000	AV	36.4	360	V	38.5	8.35	40.1	43.15	54	-10.85
11000	AV	39.1	360	H	38.5	8.35	40.1	45.85	54	-8.15
High Channel (5700MHz)										
11400	PK	51.3	360	V	38.9	8.4	40.1	58.5	74	-15.5
11400	PK	54.5	360	H	38.9	8.4	40.1	61.7	74	-12.3
11400	AV	31.1	360	V	38.9	8.4	40.1	38.3	54	-15.7
11400	AV	35.2	360	H	38.9	8.4	40.1	42.4	54	-11.6

Out of Band edge

Test CH.	**Test Segment**	**Result**	**Limit**
	MHz	**dBm/MHz**	**dBm/MHz**
Lowest	Below 5470	-43.37	-27
Highest	Above 5725	-46.67	-27
Note: the data just list the worst cases			

For the frequency band 5.725-5.850GHz (802.11n HT20)

Hormonics And Spurious Emissions

Frequency MHz	Detector	Meter Reading dBuV	Direction Degree	Polar H / V	Antenna Loss dB	Cable loss dB	Amplifier dB	Correction Amplitude dBuV/m	Limit dBuV/m	Margin dB
Low Channel (5725MHz)										
11450	PK	54.3	360	V	38.9	9.8	40.1	62.9	74	-11.1
11450	PK	54.5	360	H	38.9	9.8	40.1	63.1	74	-10.9
11450	AV	35.4	360	V	38.9	9.8	40.1	44.0	54	-10.0
11450	AV	36.1	360	H	38.9	9.8	40.1	44.7	54	-9.3
High Channel (5805MHz)										
11610	PK	54.4	360	V	38.9	9.8	40.1	63.0	74	-11.0
11610	PK	53.6	360	H	38.9	9.8	40.1	62.2	74	-11.8
11610	AV	36.4	360	V	38.9	9.8	40.1	45.0	54	-9.0
11610	AV	34.8	360	H	38.9	9.8	40.1	43.4	54	-10.6

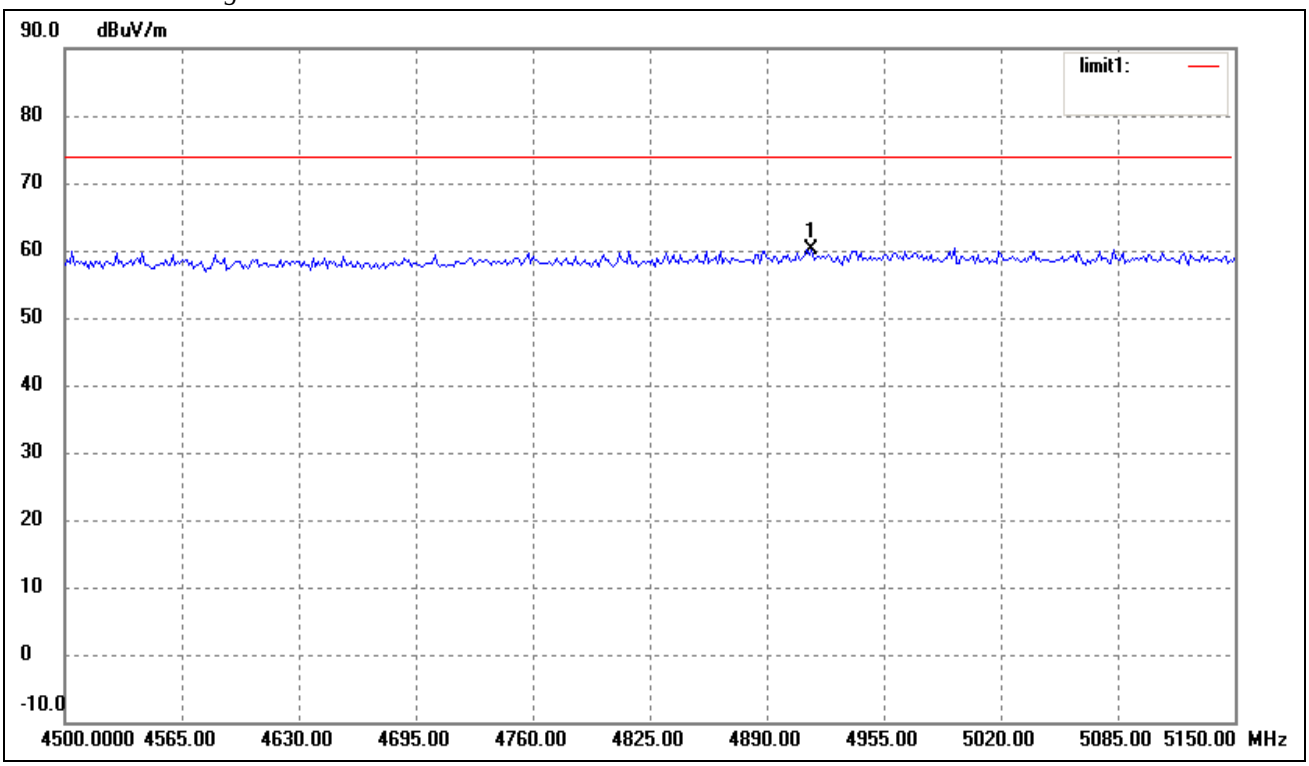
Out of Band edge

Test CH.	**Test Segment**	**Result**	**Limit**
	MHz	**dBm/MHz**	**dBm/MHz**
Lowest	Below 5715	-45.88	-27
	5715 to 5725	-44.57	-17
Highest	5850 to 5860	-45.52	-17
	Above 5860	-48.52	-27
Note: the data just list the worst cases			

802.11n HT40

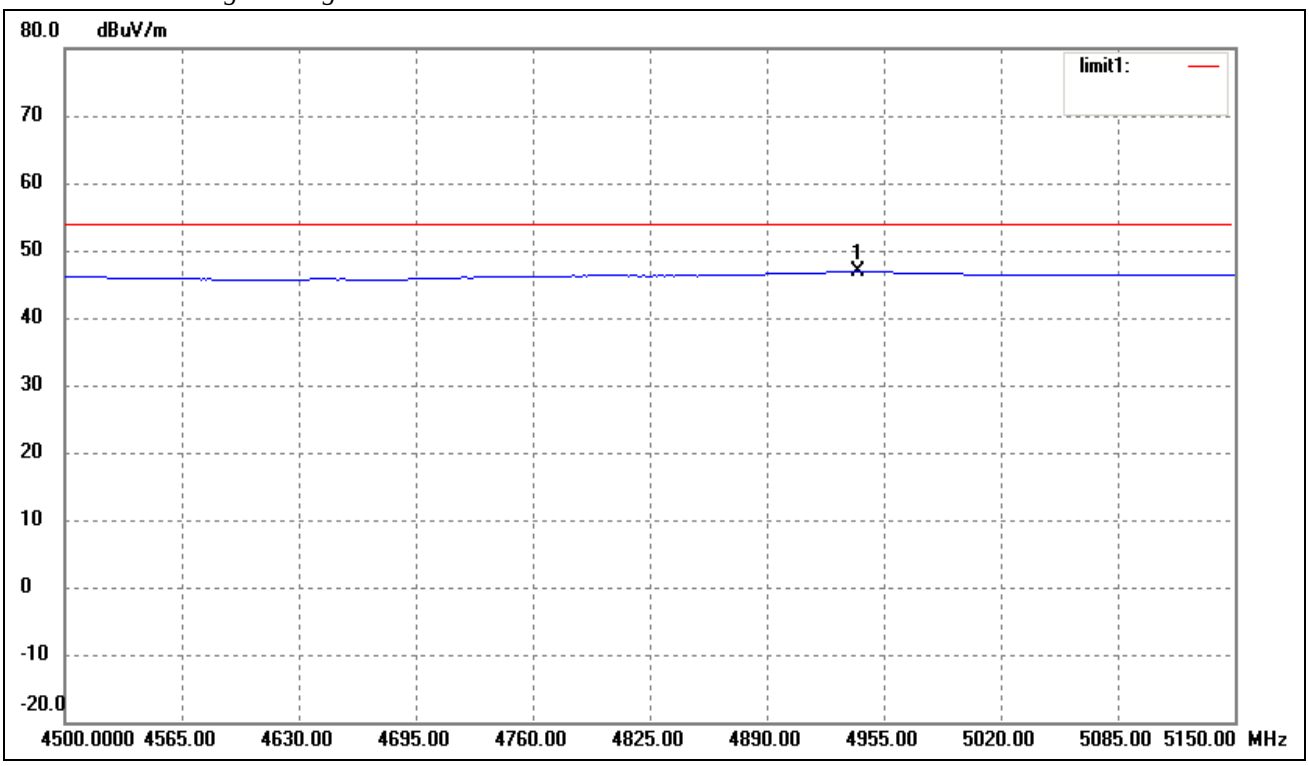
For the frequency band 5.15-5.25GHz(802.11n HT40)

Restricted Bandedge Peak



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	4914.700	29.57	30.66	60.23	74.00	-13.77	360	100	peak

Restricted Bandedge Average



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	4940.700	16.14	30.70	46.84	54.00	-7.16	360	100	Ave

Note: this EUT was tested in the low, high channel and the worst case position data was reported.

Hormonics And Spurious Emissions

Frequency MHz	Detector	Meter Reading dBuV	Direction Degree	Polar H / V	Antenna Loss dB	Cable loss dB	Amplifier dB	Correction Amplitude dBuV/m	Limit dBuV/m	Margin dB
Low Channel (5180MHz)										
10360	PK	49.4	360	V	40.7	10.9	39.6	61.4	74	-12.6
10360	PK	48.2	360	H	40.7	10.9	39.6	60.2	74	-13.8
10360	AV	33.3	360	V	40.7	10.9	39.6	45.3	54	-8.7
10360	AV	31.2	360	H	40.7	10.9	39.6	43.2	54	-10.8
High Channel (5240MHz)										
10480	PK	48.6	360	V	40.7	10.9	39.6	60.6	74	-13.4
10480	PK	47.4	360	H	40.7	10.9	39.6	59.4	74	-14.6
10480	AV	33.2	360	V	40.7	10.9	39.6	45.2	54	-8.8
10480	AV	31.7	360	H	40.7	10.9	39.6	43.7	54	-10.3

Out of Band edge

Test CH.	**Test Segment**	**Result**	**Limit**
	MHz	**dBm/MHz**	**dBm/MHz**
Lowest	Below 5150	-46.07	-27
Highest	Above 5350	-44.26	-27
Note: the data just list the worst cases			

For the frequency band 5.250-5.350GHz (802.11n HT40)

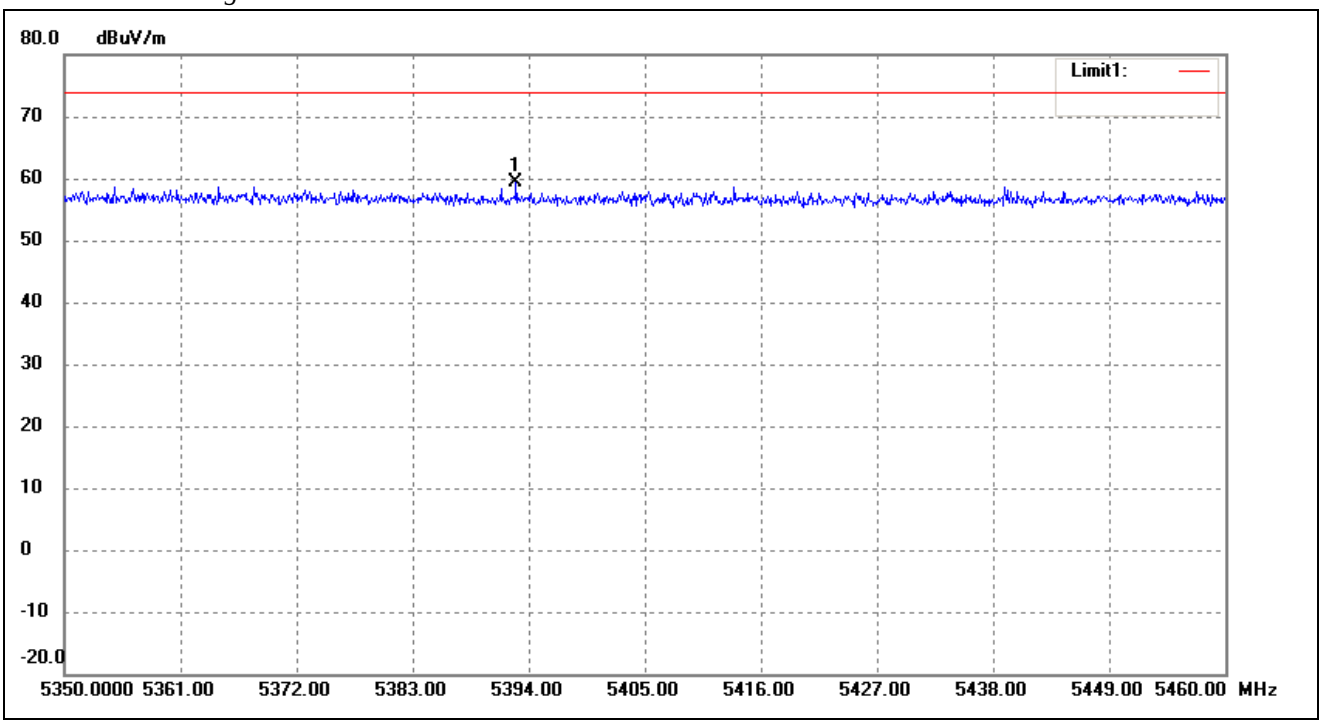
Hormonics And Spurious Emissions

Frequency MHz	Detector	Meter Reading dBuV	Direction Degree	Polar H / V	Antenna Loss dB	Cable loss dB	Amplifier dB	Correction Amplitude dBuV/m	Limit dBuV/m	Margin dB
Low Channel (5270MHz)										
10540	PK	51.2	360	V	38.3	7.24	40.1	56.64	74	-17.36
10540	PK	53.7	360	H	38.3	7.24	40.1	59.14	74	-14.86
10540	AV	32.5	360	V	38.3	7.24	40.1	37.94	54	-16.06
10540	AV	35.9	360	H	38.3	7.24	40.1	41.34	54	-12.66
High Channel (5310MHz)										
10620	PK	49.8	360	V	38.3	7.24	40.1	55.24	74	-18.76
10620	PK	53.7	360	H	38.3	7.24	40.1	59.14	74	-14.86
10620	AV	32.6	360	V	38.3	7.24	40.1	38.04	54	-15.96
10620	AV	35.9	360	H	38.3	7.24	40.1	41.34	54	-12.66

Out of Band edge

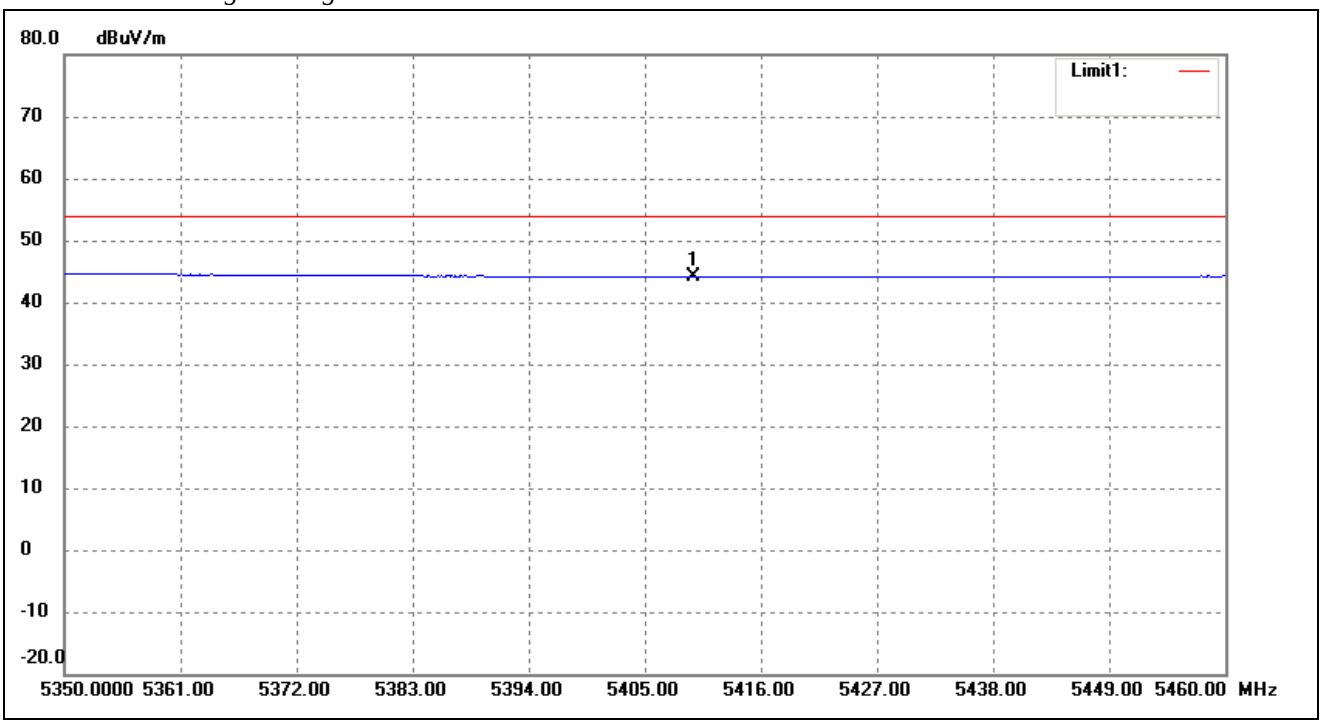
Test CH.	**Test Segment**	**Result**	**Limit**
	MHz	**dBm/MHz**	**dBm/MHz**
Lowest	Below 5150	-43.37	-27
Highest	Above 5350	-46.67	-27
Note: the data just list the worst cases			

Restricted Bandedge Peak



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5392.790	64.39	-5.06	59.33	74.00	-14.67	360	100	peak

Restricted Bandedge Average



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5409.620	49.26	-5.05	44.21	54.00	-9.79	360	100	peak

For the frequency band 5.470-5.725GHz (802.11n HT40)

Hormonics And Spurious Emissions

Frequency MHz	Detector	Meter Reading dBuV	Direction Degree	Polar H / V	Antenna Loss dB	Cable loss dB	Amplifier dB	Correction Amplitude dBuV/m	Limit dBuV/m	Margin dB
Low Channel (5510MHz)										
11020	PK	48.8	360	V	38.5	8.35	40.1	55.55	74	-18.45
11020	PK	51.7	360	H	38.5	8.35	40.1	58.45	74	-15.55
11020	AV	31.9	360	V	38.5	8.35	40.1	38.65	54	-15.35
11020	AV	34.8	360	H	38.5	8.35	40.1	41.55	54	-12.45
High Channel (5670MHz)										
11340	PK	48.5	360	V	38.9	8.4	40.1	55.7	74	-18.3
11340	PK	51.7	360	H	38.9	8.4	40.1	58.9	74	-15.1
11340	AV	30.7	360	V	38.9	8.4	40.1	37.9	54	-16.1
11340	AV	32.6	360	H	38.9	8.4	40.1	39.8	54	-14.2

Out of Band edge

Test CH.	**Test Segment**	**Result**	**Limit**
	MHz	**dBm/MHz**	**dBm/MHz**
Lowest	Below 5470	-43.37	-27
Highest	Above 5725	-46.67	-27
Note: the data just list the worst cases			

For the frequency band 5.725-5.850GHz(802.11n HT40)

Hormonics And Spurious Emissions

Frequency MHz	Detector	Meter Reading dBuV	Direction Degree	Polar H / V	Antenna Loss dB	Cable loss dB	Amplifier dB	Correction Amplitude dBuV/m	Limit dBuV/m	Margin dB
Low Channel (5745MHz)										
11490	PK	54.5	360	V	38.9	9.8	40.1	63.1	74	-10.9
11490	PK	53.3	360	H	38.9	9.8	40.1	61.9	74	-12.1
11490	AV	37.4	360	V	38.9	9.8	40.1	46.0	54	-8.0
11490	AV	36.6	360	H	38.9	9.8	40.1	45.2	54	-8.8
High Channel (5805MHz)										
11610	PK	53.1	360	V	38.9	9.8	40.1	61.7	74	-12.3
11610	PK	53.8	360	H	38.9	9.8	40.1	62.4	74	-11.6
11610	AV	37.3	360	V	38.9	9.8	40.1	45.9	54	-8.1
11610	AV	36.4	360	H	38.9	9.8	40.1	45.0	54	-9.0

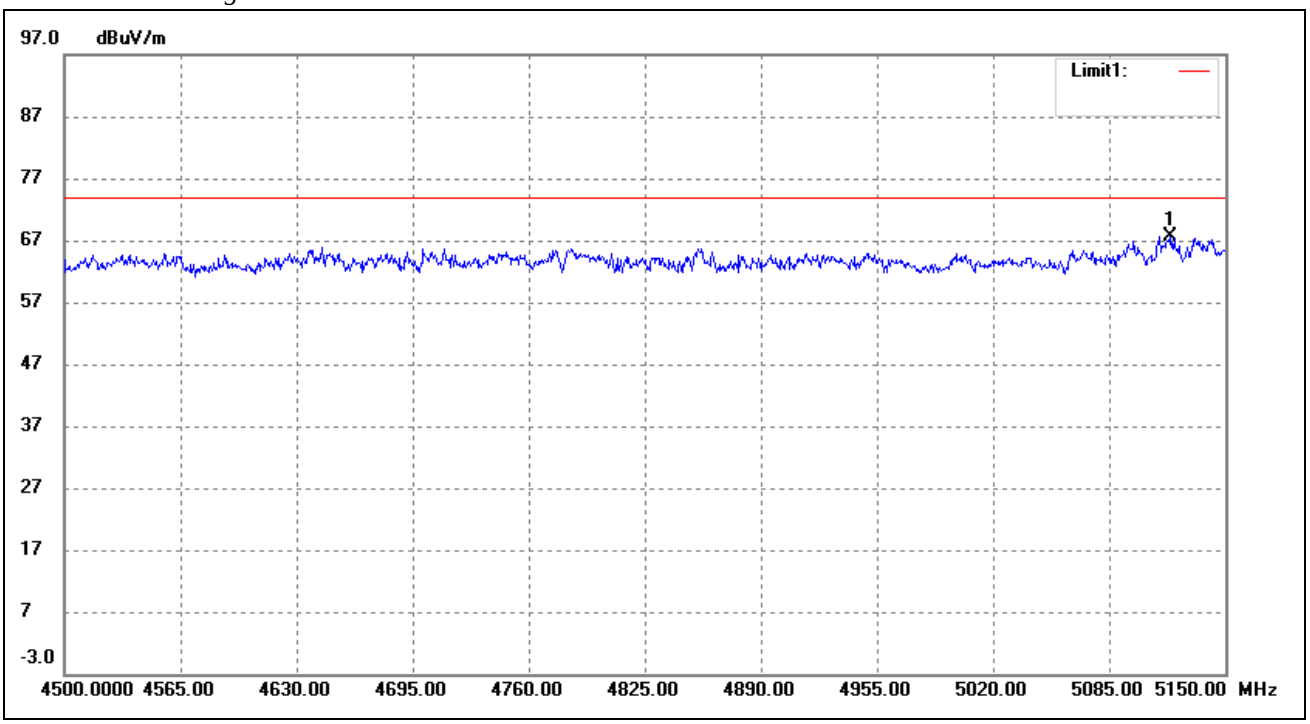
Out of Band edge

Test CH.	**Test Segment**	**Result**	**Limit**
	MHz	**dBm/MHz**	**dBm/MHz**
Lowest	Below 5715	-45.78	-27
	5715 to 5725	-43.37	-17
Highest	5850 to 5860	-46.87	-17
	Above 5860	-47.62	-27
Note: the data just list the worst cases			

802.11ac HT80

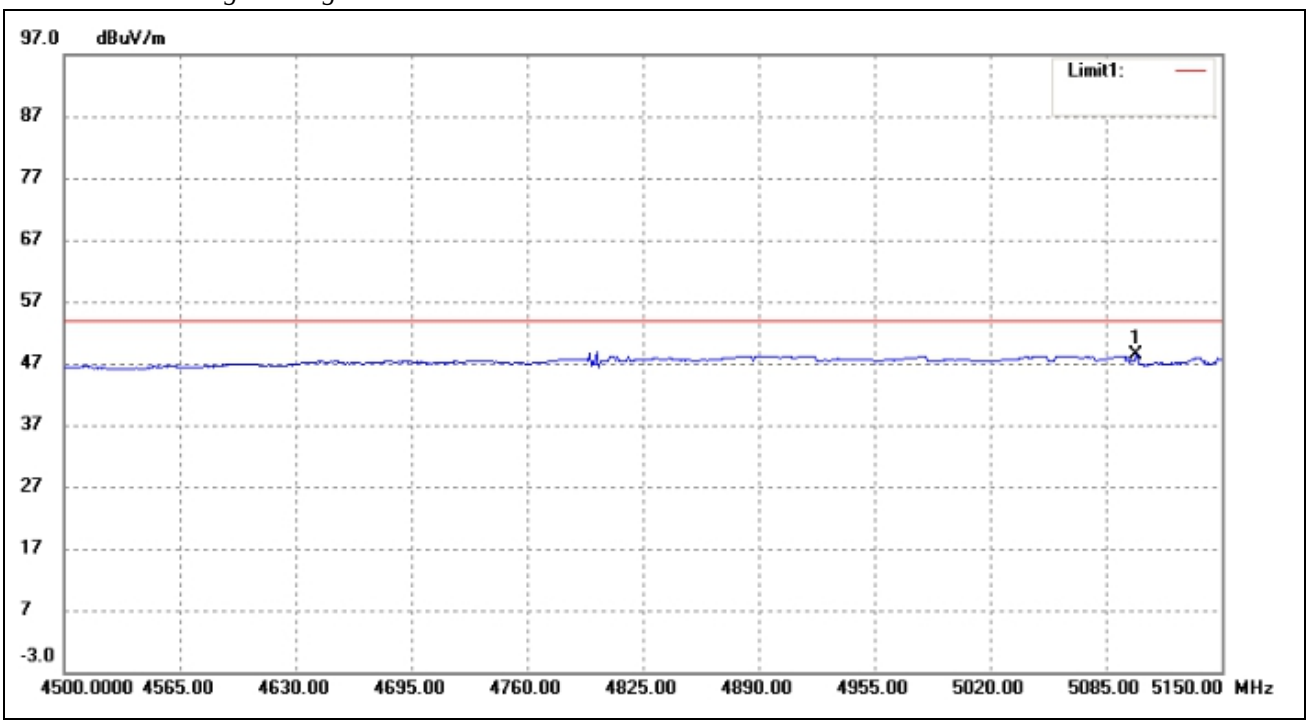
For the frequency band 5.15-5.25GHz(802.11ac HT80)

Restricted Bandedge Peak



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	5119.450	67.80	-0.20	67.60	74.00	-6.40	360	100	peak

Restricted Bandedge Average



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	(°)	(cm)	
1	5101.900	48.60	-0.25	48.35	54.00	-5.65	360	100	Ave

Note: this EUT was tested in the low, high channel and the worst case position data was reported.

Hormonics And Spurious Emissions

Frequency MHz	Detector	Meter Reading dBuV	Direction Degree	Polar H / V	Antenna Loss dB	Cable loss dB	Amplifier dB	Correction Amplitude dBuV/m	Limit dBuV/m	Margin dB
Low Channel (5180MHz)										
10360	PK	50.13	360	V	40.7	10.9	39.6	62.13	74	-11.87
10360	PK	50.69	360	H	40.7	10.9	39.6	62.69	74	-11.31
10360	AV	30.66	360	V	40.7	10.9	39.6	42.66	54	-11.34
10360	AV	32.51	360	H	40.7	10.9	39.6	44.51	54	-9.49
High Channel (5240MHz)										
10480	PK	49.86	360	V	40.7	10.9	39.6	61.86	74	-12.14
10480	PK	51.37	360	H	40.7	10.9	39.6	63.37	74	-10.63
10480	AV	31.59	360	V	40.7	10.9	39.6	43.59	54	-10.41
10480	AV	33.46	360	H	40.7	10.9	39.6	45.46	54	-8.54

Out of Band edge

Test CH.	**Test Segment**	**Result**	**Limit**
	MHz	**dBm/MHz**	**dBm/MHz**
Lowest	Below 5150	-44.53	-27
Highest	Above 5350	-43.07	-27
Note: the data just list the worst cases			

For the frequency band 5.250-5.350GHz (802.11n HT80)

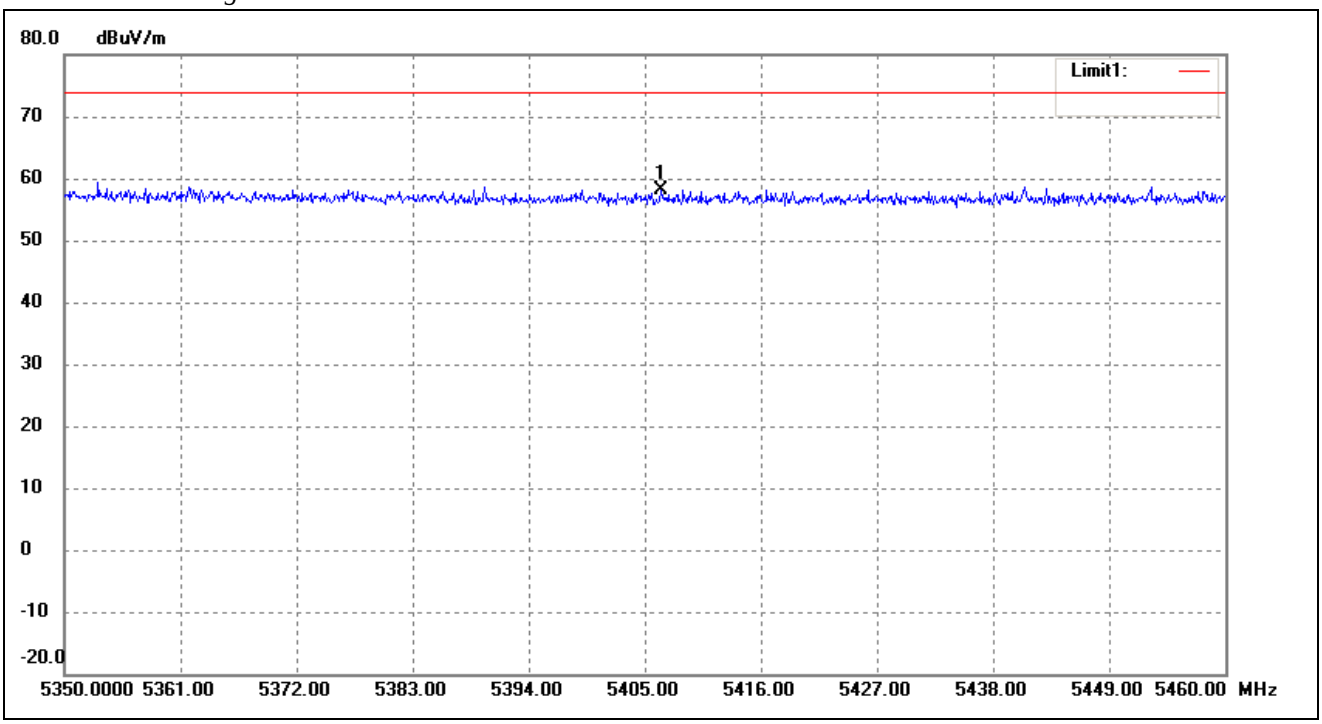
Hormonics And Spurious Emissions

Frequency MHz	Detector	Meter Reading dBuV	Direction Degree	Polar H / V	Antenna Loss dB	Cable loss dB	Amplifier dB	Correction Amplitude dBuV/m	Limit dBuV/m	Margin dB
5290MHz										
10580	PK	49.5	360	V	38.3	7.24	40.1	54.94	74	-19.06
10580	PK	51.8	360	H	38.3	7.24	40.1	57.24	74	-16.76
10580	AV	30.1	360	V	38.3	7.24	40.1	35.54	54	-18.46
10580	AV	33.6	360	H	38.3	7.24	40.1	39.04	54	-14.96

Out of Band edge

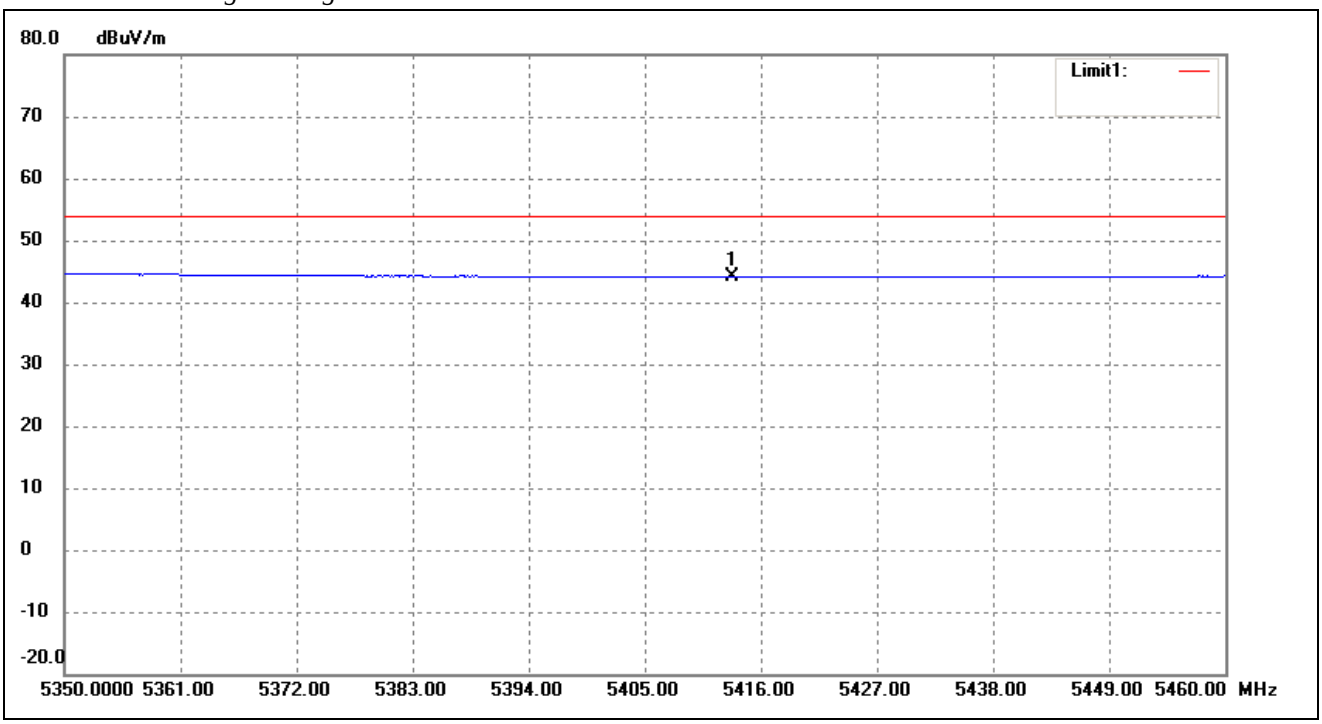
Test CH.	**Test Segment**	**Result**	**Limit**
	MHz	**dBm/MHz**	**dBm/MHz**
Lowest	Below 5150	-43.37	-27
Highest	Above 5350	-46.67	-27
Note: the data just list the worst cases			

Restricted Bandedge Peak



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5406.540	63.28	-5.06	58.22	74.00	-15.78	360	100	peak

Restricted Bandedge Average



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5413.250	49.25	-5.05	44.20	54.00	-9.80	360	100	peak

For the frequency band 5.470-5.725GHz (802.11n HT80)

Hormonics And Spurious Emissions

Frequency MHz	Detector	Meter Reading dBuV	Direction Degree	Polar H / V	Antenna Loss dB	Cable loss dB	Amplifier dB	Correction Amplitude dBuV/m	Limit dBuV/m	Margin dB
Low Channel (5530MHz)										
11060	PK	47.6	360	V	38.5	8.35	40.1	54.35	74	-19.65
11060	PK	49.8	360	H	38.5	8.35	40.1	56.55	74	-17.45
11060	AV	30.3	360	V	38.5	8.35	40.1	37.05	54	-16.95
11060	AV	34.2	360	H	38.5	8.35	40.1	40.95	54	-13.05
High Channel (5690MHz)										
11380	PK	46.2	360	V	38.9	8.4	40.1	53.4	74	-20.6
11380	PK	49.8	360	H	38.9	8.4	40.1	57.0	74	-17.0
11380	AV	29.7	360	V	38.9	8.4	40.1	36.9	54	-17.1
11380	AV	33.4	360	H	38.9	8.4	40.1	40.6	54	-13.4

Out of Band edge

Test CH.	**Test Segment**	**Result**	**Limit**
	MHz	**dBm/MHz**	**dBm/MHz**
Lowest	Below 5470	-43.37	-27
Highest	Above 5725	-46.67	-27
Note: the data just list the worst cases			

For the frequency band 5.725-5.850GHz(802.11ac HT80)

Hormonics And Spurious Emissions

Frequency MHz	Detector	Meter Reading dBuV	Direction Degree	Polar H / V	Antenna Loss dB	Cable loss dB	Amplifier dB	Correction Amplitude dBuV/m	Limit dBuV/m	Margin dB
5775MHz										
11550	PK	50.32	360	V	38.9	9.8	40.1	58.92	74	-15.08
11550	PK	51.47	360	H	38.9	9.8	40.1	60.07	74	-13.93
11550	AV	35.89	360	V	38.9	9.8	40.1	44.49	54	-9.51
11550	AV	31.62	360	H	38.9	9.8	40.1	40.22	54	-13.78

Out of Band edge

Test CH.	**Test Segment**	**Result**	**Limit**
	MHz	**dBm/MHz**	**dBm/MHz**
Lowest	Below 5715	-46.27	-27
	5715 to 5725	-45.72	-17
Highest	5850 to 5860	-44.80	-17
	Above 5860	-46.21	-27
Note: the data just list the worst cases			

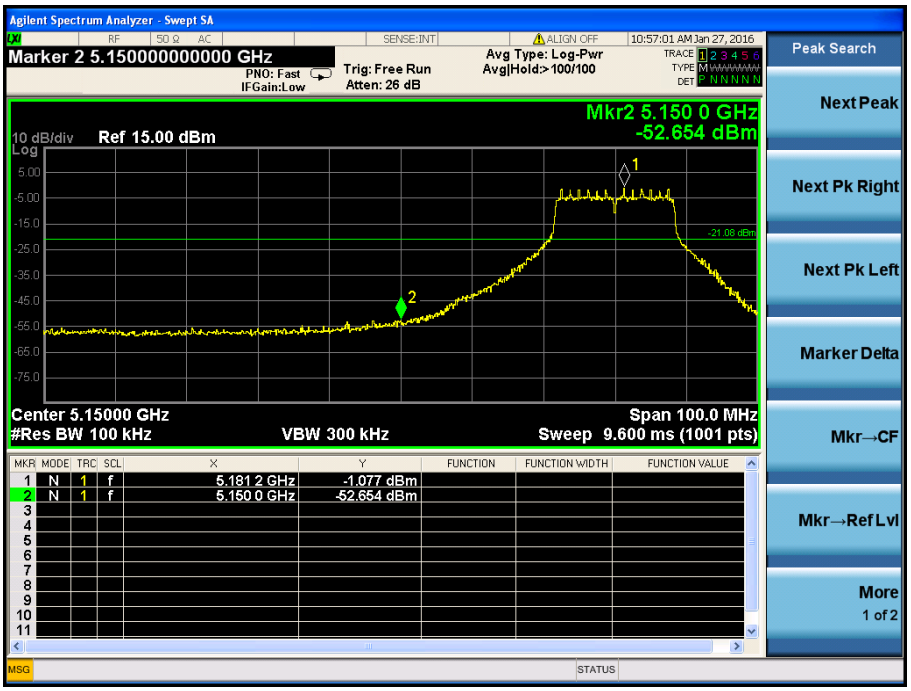
Note: Testing is carried out with frequency rang 9kHz to 40GHz, which above 3th Harmonics are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

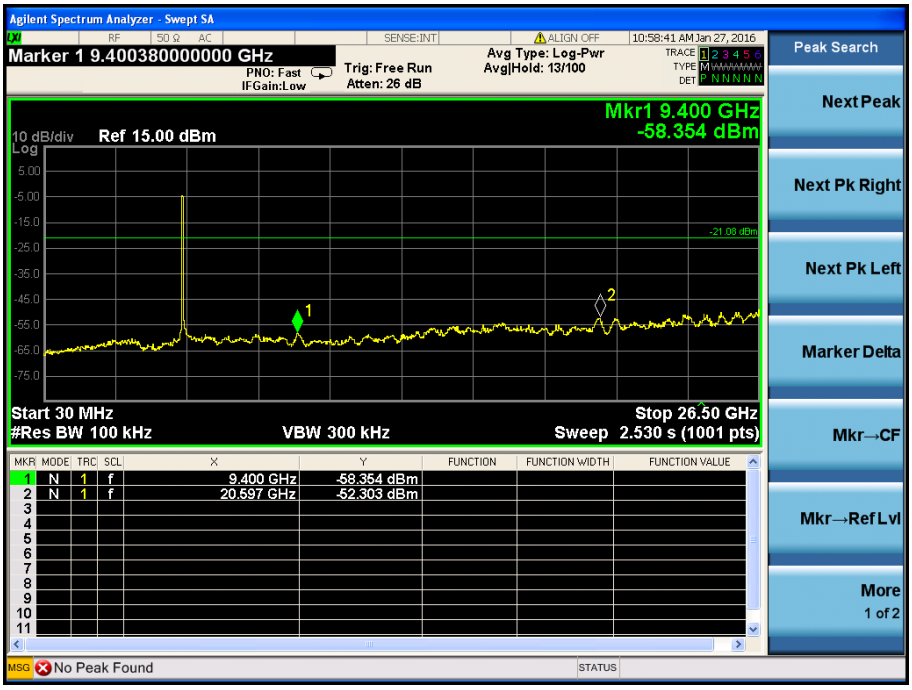
The measurements greater than 20dB below the limit from 9kHz to 30MHz.

Antenna 1

802.11a Bandedge (Conducted)

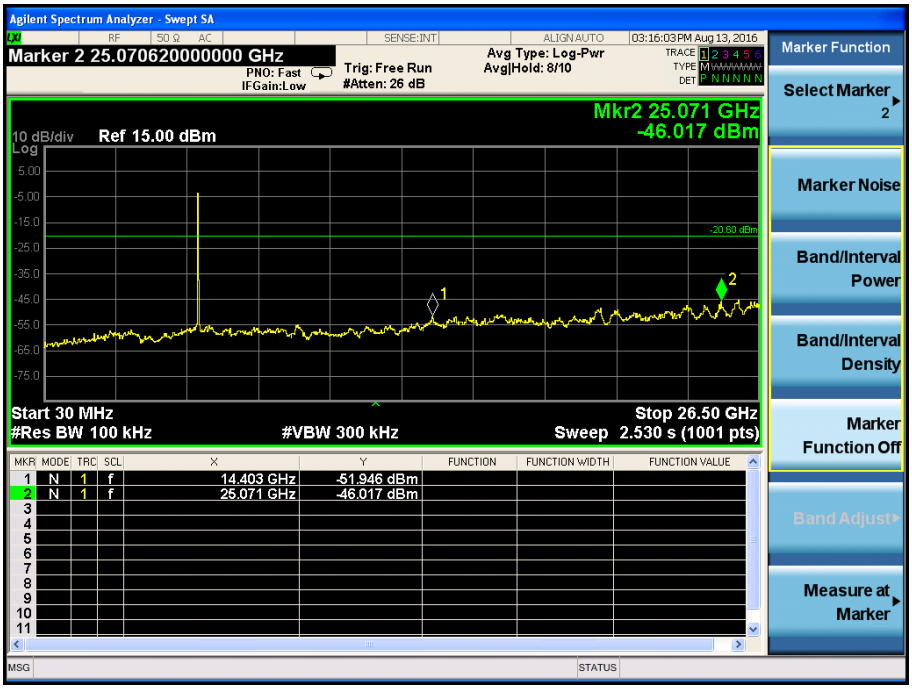
5180MHz





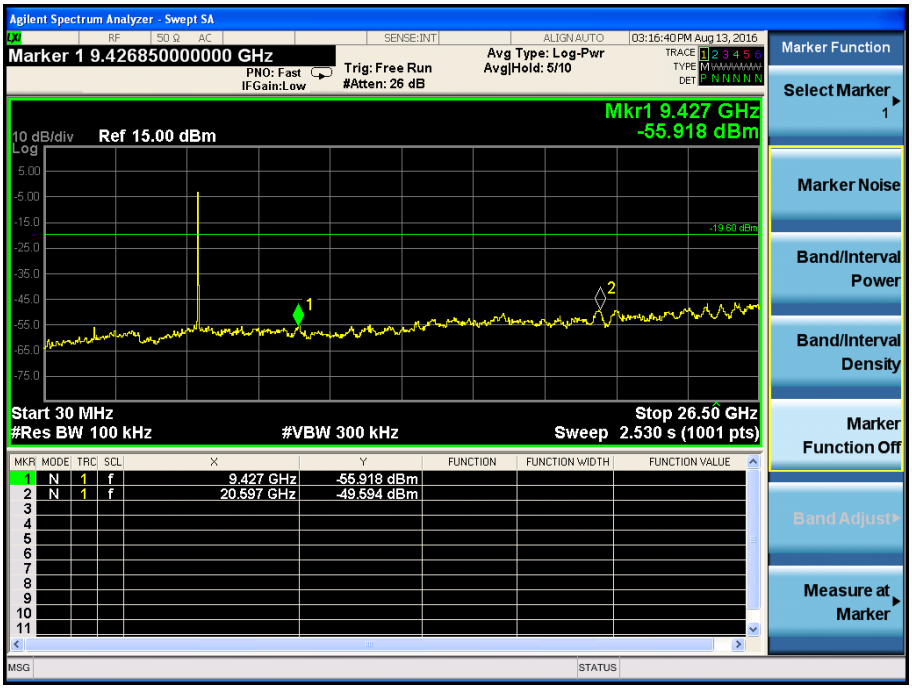
5240MHz


Agilent Spectrum Analyzer - Swept SA
Display Line -20.60 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
11:56:10 AM Aug 13, 2016
Mkr1 5.241 24 GHz
-0.579 dBm
10 dB/div
Ref 15.00 dBm
Log
-20.60 dBm
Center 5.25000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 40.00 MHz
Sweep 3.867 ms (1001 pts)
1 N 1 f 5.241 24 GHz -0.579 dBm
2 N 1 f 5.250 00 GHz -22.931 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-20.60 dBm
On Off
System
Display
Settings
start
11:56 AM


Agilent Spectrum Analyzer - Swept SA
Marker 2 25.070620000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 8/10
03:16:03 PM Aug 13, 2016
Mkr2 25.071 GHz
-46.017 dBm
10 dB/div
Ref 15.00 dBm
Log
-20.60 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 14.403 GHz -51.946 dBm
2 N 1 f 25.071 GHz -46.017 dBm
Marker Function
Select Marker
2
Marker Noise
Band/Interval
Power
Band/Interval
Density
Marker
Function Off
Band Adjust
Measure at
Marker
MSG
STATUS

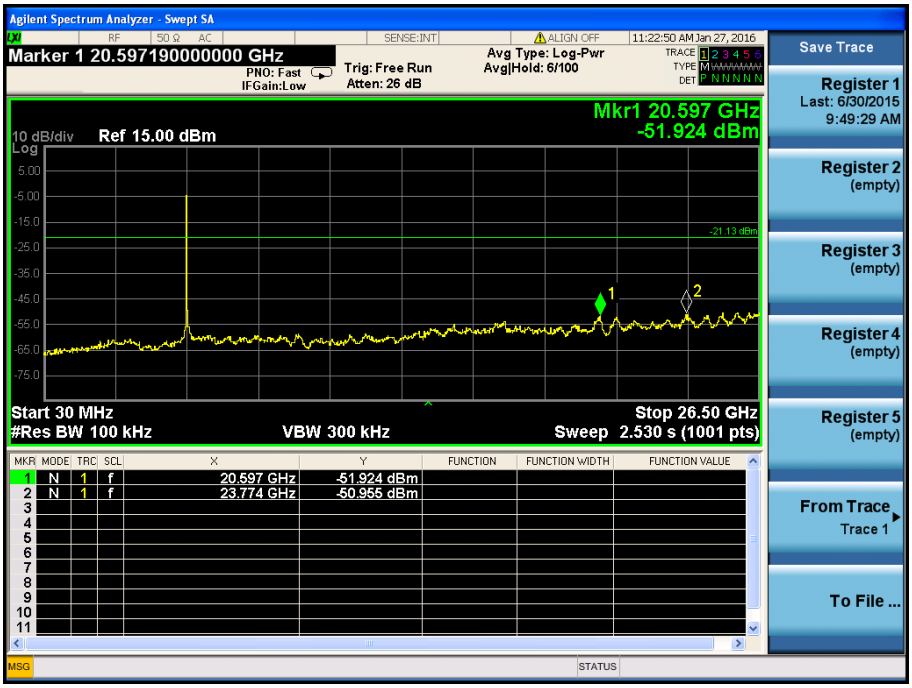
5260MHz


Agilent Spectrum Analyzer - Swept SA
Display Line -19.60 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
11:57:48 AM Aug 13, 2016
Mkr1 5.250 00 GHz
-21.249 dBm
10 dB/div
Ref 15.00 dBm
Log
Center 5.25000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 40.00 MHz
Sweep 3.867 ms (1001 pts)
1 N 1 f 5.250 00 GHz -21.249 dBm
2 N 1 f 5.261 24 GHz 0.485 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-19.60 dBm
On Off
System
Display
Settings

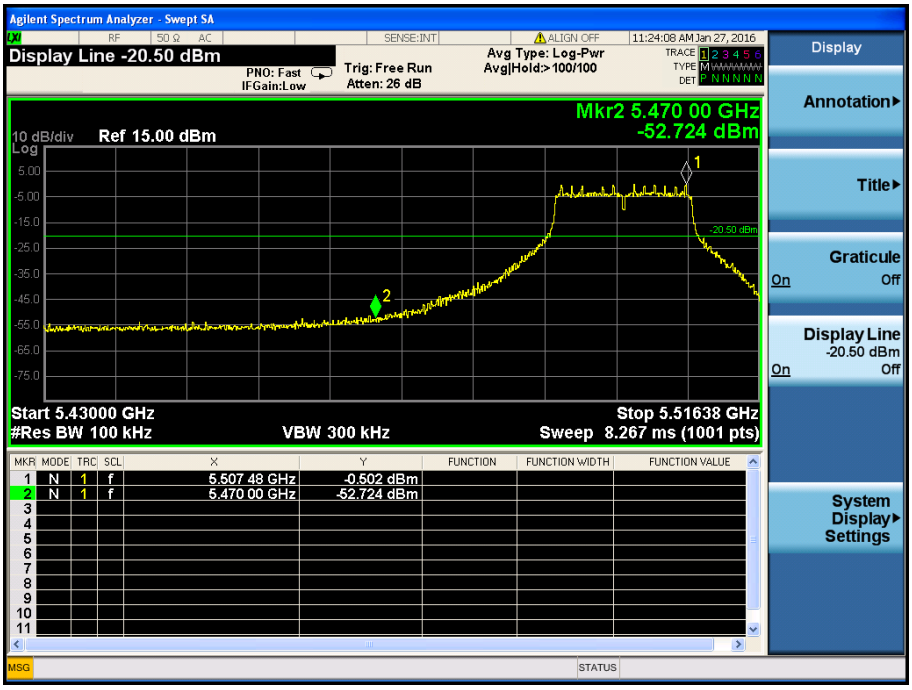

Agilent Spectrum Analyzer - Swept SA
Marker 1 9.426850000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 5/10
03:16:40 PM Aug 13, 2016
Mkr1 9.427 GHz
-55.918 dBm
10 dB/div
Ref 15.00 dBm
Log
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 9.427 GHz -55.918 dBm
2 N 1 f 20.597 GHz -49.594 dBm
Marker Function
Select Marker
1
Marker Noise
Band/Interval
Power
Band/Interval
Density
Marker
Function Off
Band Adjust
Measure at
Marker
MSG
STATUS

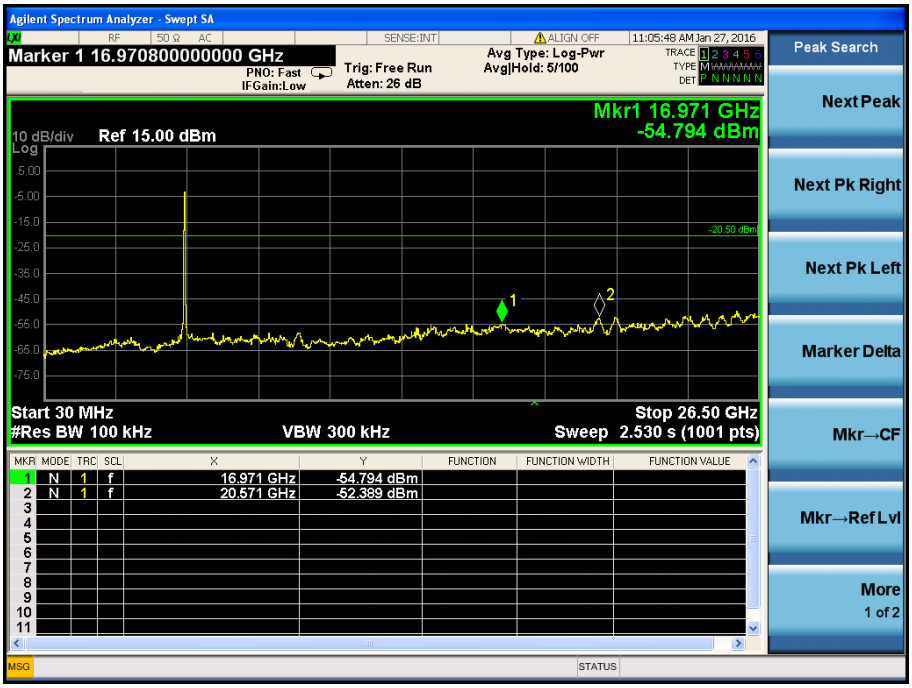
5320MHz


Agilent Spectrum Analyzer - Swept SA
Marker 2 5.350000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
11:22:21 AM Jan 27, 2016
Mkr2 5.350 00 GHz
-53.090 dBm
10 dB/div
Ref 15.00 dBm
Log
-21.13 dBm
Start 5.30415 GHz
#Res BW 100 kHz
VBW 300 kHz
Stop 5.36000 GHz
Sweep 5.400 ms (1001 pts)
1 N 1 f 5.321 24 GHz -1.129 dBm
2 N 1 f 5.350 00 GHz -53.090 dBm
Marker
Select Marker 2
Normal
Delta
Fixed
Off
Properties
More 1 of 2


Agilent Spectrum Analyzer - Swept SA
Marker 1 20.597190000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 6/100
11:22:50 AM Jan 27, 2016
Mkr1 20.597 GHz
-51.924 dBm
10 dB/div
Ref 15.00 dBm
Log
-21.13 dBm
Start 30 MHz
#Res BW 100 kHz
VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 20.597 GHz -51.924 dBm
2 N 1 f 23.774 GHz -50.955 dBm
Save Trace
Register 1 Last: 6/30/2015 9:49:29 AM
Register 2 (empty)
Register 3 (empty)
Register 4 (empty)
Register 5 (empty)
From Trace Trace 1
To File ...

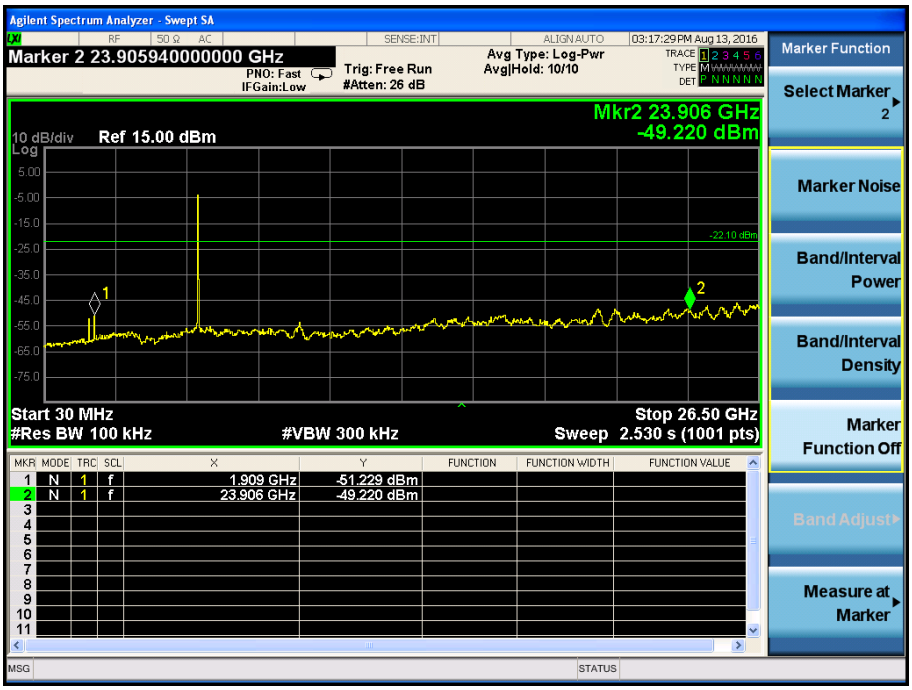
5500MHz


Agilent Spectrum Analyzer - Swept SA
Display Line -20.50 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
11:24:08 AM Jan 27, 2016
Mkr2 5.470 00 GHz
-52.724 dBm
10 dB/div
Ref 15.00 dBm
Log
-20.50 dBm
Start 5.43000 GHz
#Res BW 100 kHz
VBW 300 kHz
Stop 5.51638 GHz
Sweep 8.267 ms (1001 pts)
1 N 1 f 5.507 48 GHz -0.502 dBm
2 N 1 f 5.470 00 GHz -52.724 dBm
Display
Annotation
Title
Graticule On Off
Display Line -20.50 dBm On Off
System Display Settings
MSG
STATUS

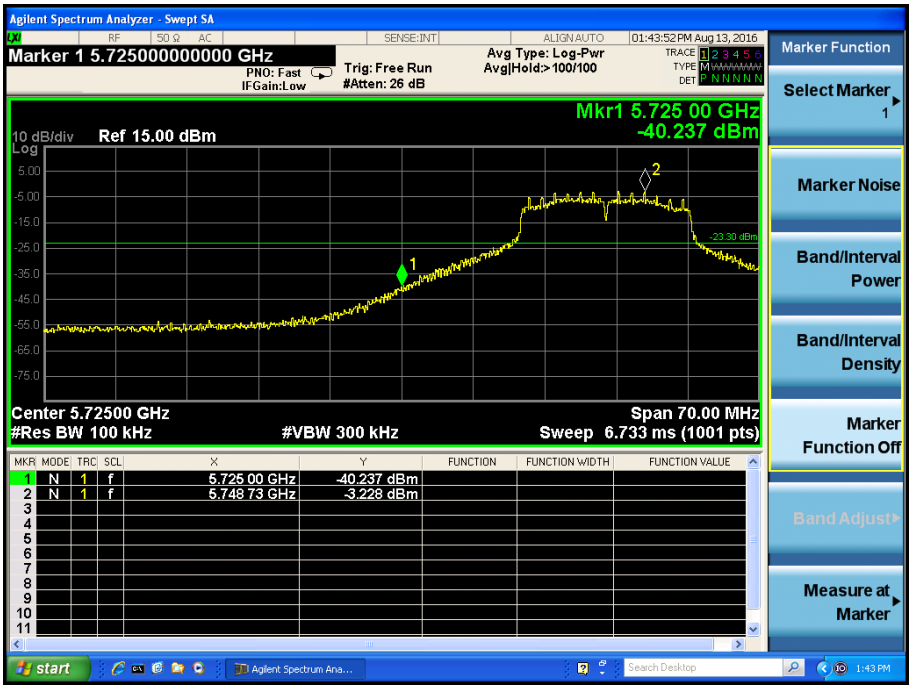

Agilent Spectrum Analyzer - Swept SA
Marker 1 16.970800000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 5/100
11:05:48 AM Jan 27, 2016
Mkr1 16.971 GHz
-54.794 dBm
10 dB/div
Ref 15.00 dBm
Log
-20.50 dBm
Start 30 MHz
#Res BW 100 kHz
VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 16.971 GHz -54.794 dBm
2 N 1 f 20.571 GHz -52.389 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More 1 of 2
MSG
STATUS

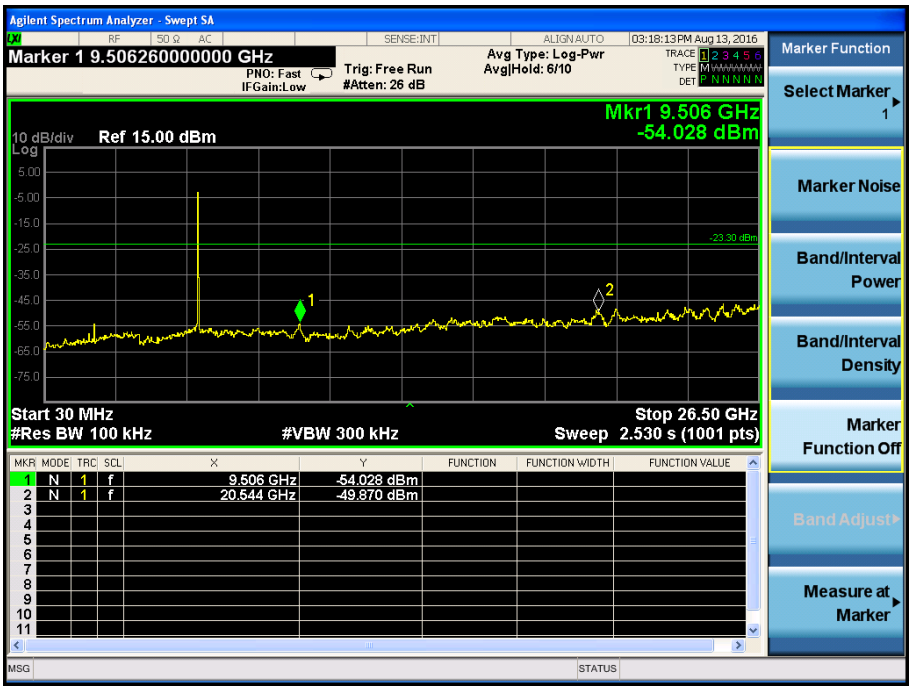
5700MHz


Agilent Spectrum Analyzer - Swept SA
Marker 2 5.725000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
01:42:56 PM Aug 13, 2016
Mkr2 5.725 00 GHz
-46.507 dBm
10 dB/div
Ref 15.00 dBm
Log
-22.10 dBm
Center 5.72500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 70.00 MHz
Sweep 6.733 ms (1001 pts)
1 N 1 f 5.701 27 GHz -2.092 dBm
2 N 1 f 5.725 00 GHz -46.507 dBm
Marker Function
Select Marker 2
Marker Noise
Band/Interval Power
Band/Interval Density
Marker Function Off
Band Adjust
Measure at Marker
start
1:42 PM

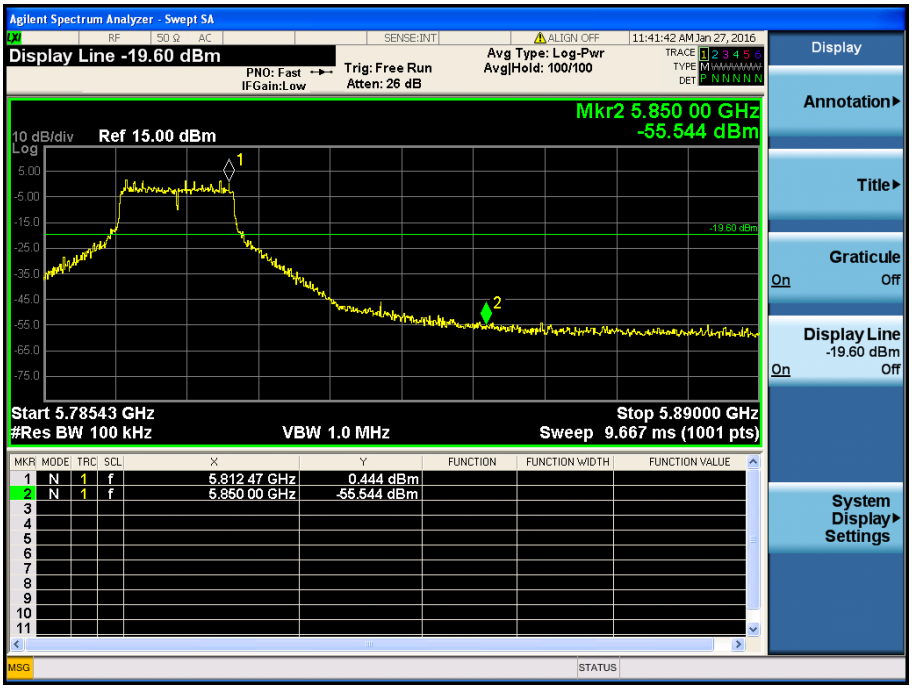

Agilent Spectrum Analyzer - Swept SA
Marker 2 23.905940000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 10/10
03:17:29 PM Aug 13, 2016
Mkr2 23.906 GHz
-49.220 dBm
10 dB/div
Ref 15.00 dBm
Log
-22.10 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 1.909 GHz -51.229 dBm
2 N 1 f 23.906 GHz -49.220 dBm
Marker Function
Select Marker 2
Marker Noise
Band/Interval Power
Band/Interval Density
Marker Function Off
Band Adjust
Measure at Marker
MSG
STATUS

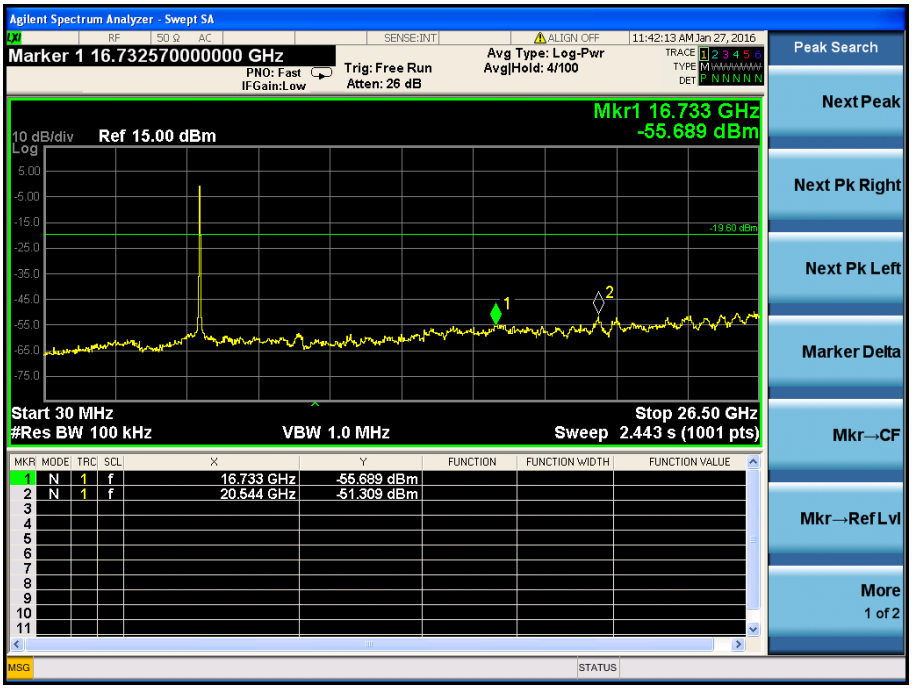
5745MHz


Agilent Spectrum Analyzer - Swept SA
Marker 1 5.725000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
01:43:52 PM Aug 13, 2016
Mkr1 5.725 00 GHz
-40.237 dBm
10 dB/div
Ref 15.00 dBm
Log
-23.30 dBm
Center 5.72500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 70.00 MHz
Sweep 6.733 ms (1001 pts)
1 N 1 f 5.725 00 GHz -40.237 dBm
2 N 1 f 5.748 73 GHz -3.228 dBm
Marker Function
Select Marker
Marker Noise
Band/Interval Power
Band/Interval Density
Marker Function Off
Band Adjust
Measure at Marker


Agilent Spectrum Analyzer - Swept SA
Marker 1 9.506260000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 6/10
03:18:13 PM Aug 13, 2016
Mkr1 9.506 GHz
-54.028 dBm
10 dB/div
Ref 15.00 dBm
Log
-23.30 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 9.506 GHz -54.028 dBm
2 N 1 f 20.544 GHz -49.870 dBm
Marker Function
Select Marker
Marker Noise
Band/Interval Power
Band/Interval Density
Marker Function Off
Band Adjust
Measure at Marker

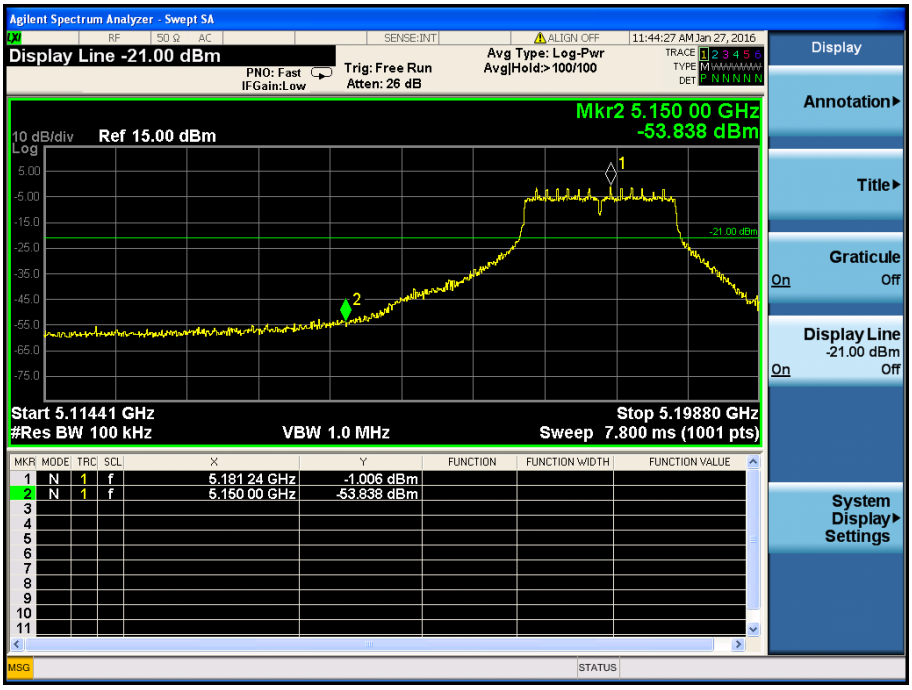
5825MHz

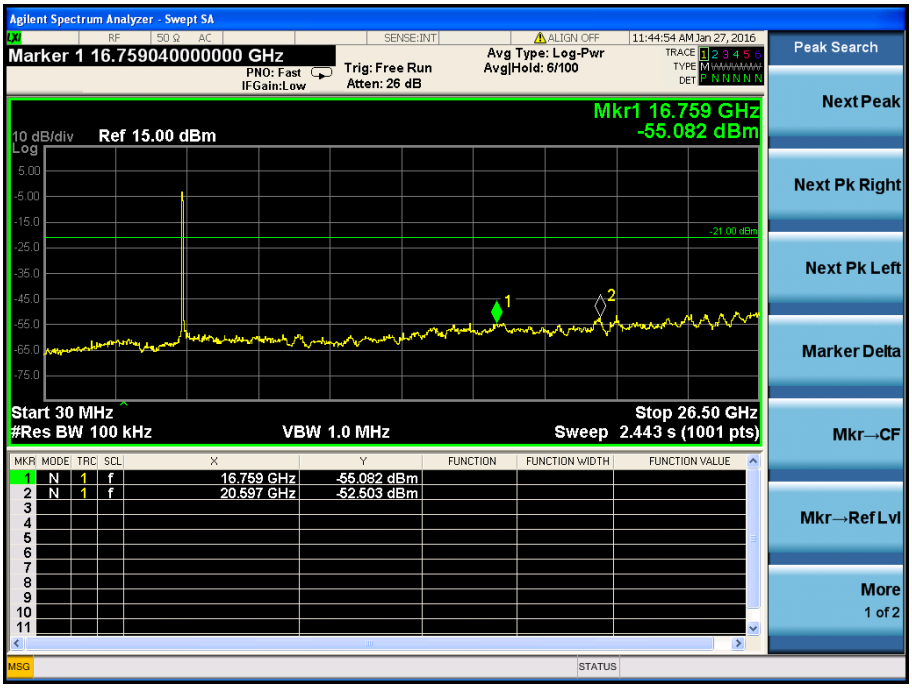

Agilent Spectrum Analyzer - Swept SA
Display Line -19.60 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
11:41:42 AM Jan 27, 2016
Mkr2 5.850 00 GHz
-55.544 dBm
10 dB/div
Ref 15.00 dBm
Log
-19.60 dBm
Start 5.78543 GHz
#Res BW 100 kHz
VBW 1.0 MHz
Stop 5.89000 GHz
Sweep 9.667 ms (1001 pts)
1 N 1 f 5.812 47 GHz 0.444 dBm
2 N 1 f 5.850 00 GHz -55.544 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-19.60 dBm
On Off
System
Display
Settings


Agilent Spectrum Analyzer - Swept SA
Marker 1 16.732570000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 4/100
11:42:13 AM Jan 27, 2016
Mkr1 16.733 GHz
-55.689 dBm
10 dB/div
Ref 15.00 dBm
Log
-19.60 dBm
Start 30 MHz
#Res BW 100 kHz
VBW 1.0 MHz
Stop 26.50 GHz
Sweep 2.443 s (1001 pts)
1 N 1 f 16.733 GHz -55.689 dBm
2 N 1 f 20.544 GHz -51.309 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2

802.11n-HT20 Bandedge (Conducted)

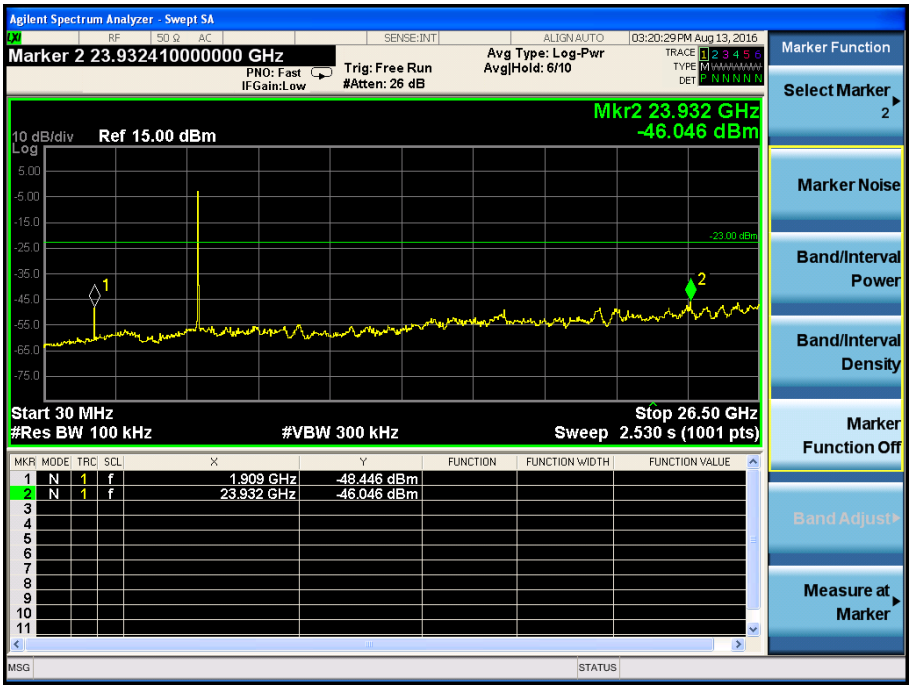
5180MHz





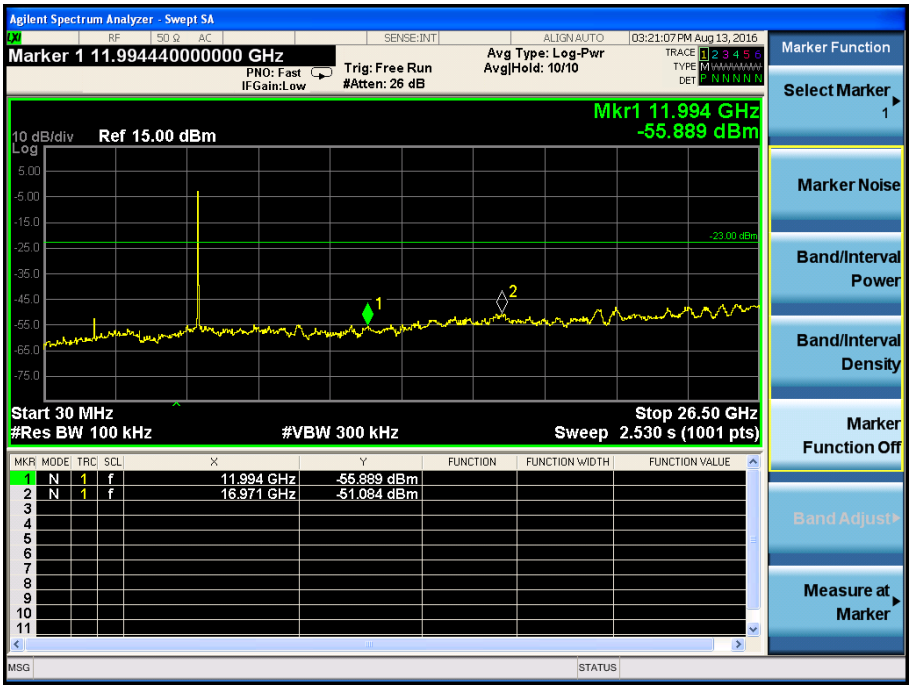
5240MHz


Agilent Spectrum Analyzer - Swept SA
Marker 2 5.250000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
01:46:05 PM Aug 13, 2016
Mkr2 5.250 00 GHz
-28.849 dBm
10 dB/div
Ref 15.00 dBm
Log
-23.00 dBm
Center 5.25000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 40.00 MHz
Sweep 3.867 ms (1001 pts)
1 N 1 f 5.241 24 GHz -2.926 dBm
2 N 1 f 5.250 00 GHz -28.849 dBm
Marker Function
Select Marker 2
Marker Noise
Band/Interval Power
Band/Interval Density
Marker Function Off
Band Adjust
Measure at Marker

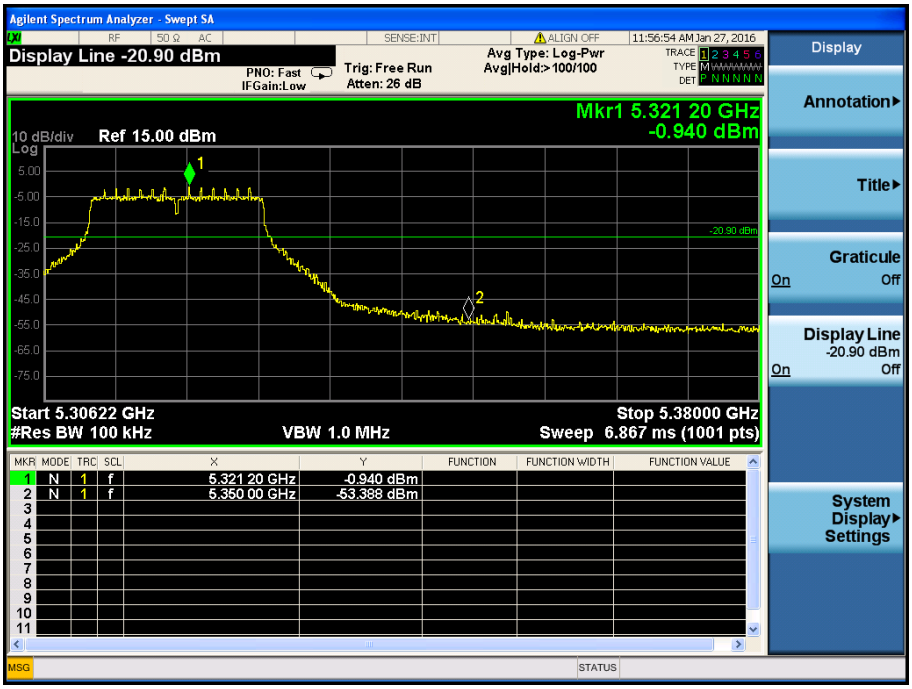

Agilent Spectrum Analyzer - Swept SA
Marker 2 23.932410000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 6/10
03:20:29 PM Aug 13, 2016
Mkr2 23.932 GHz
-46.046 dBm
10 dB/div
Ref 15.00 dBm
Log
-23.00 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 1.909 GHz -48.446 dBm
2 N 1 f 23.932 GHz -46.046 dBm
Marker Function
Select Marker 2
Marker Noise
Band/Interval Power
Band/Interval Density
Marker Function Off
Band Adjust
Measure at Marker

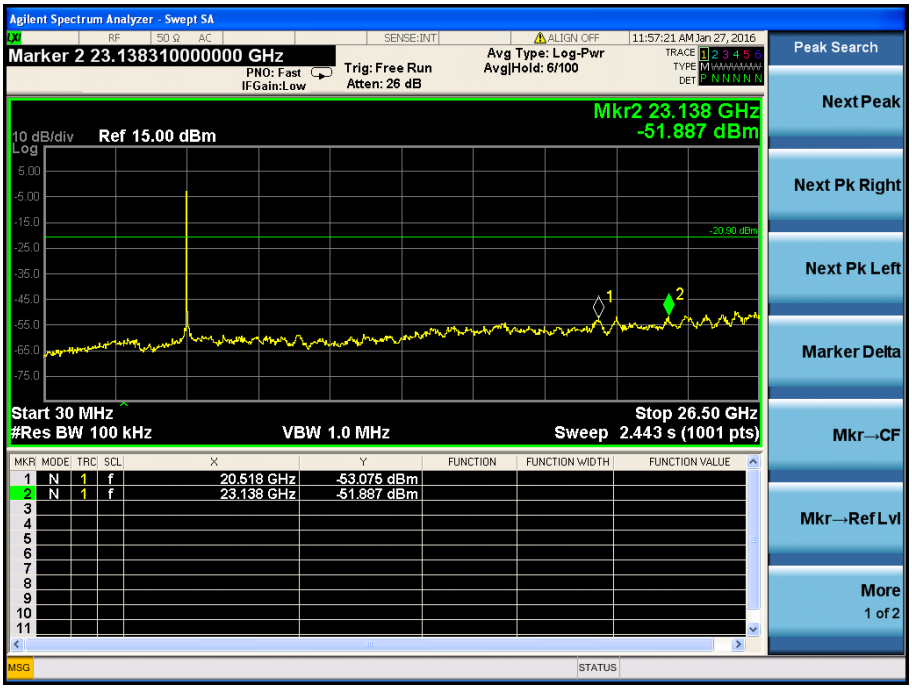
5260MHz


Agilent Spectrum Analyzer - Swept SA
Display Line -23.00 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
01:46:57 PM Aug 13, 2016
Mkr1 5.261 24 GHz
-2.990 dBm
10 dB/div
Ref 15.00 dBm
Log
Center 5.25000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 40.00 MHz
Sweep 3.867 ms (1001 pts)
1 N 1 f 5.261 24 GHz -2.990 dBm
2 N 1 f 5.250 00 GHz -29.648 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-23.00 dBm
On Off
System
Display
Settings


Agilent Spectrum Analyzer - Swept SA
Marker 1 11.994440000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 10/10
03:21:07 PM Aug 13, 2016
Mkr1 11.994 GHz
-55.889 dBm
10 dB/div
Ref 15.00 dBm
Log
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 11.994 GHz -55.889 dBm
2 N 1 f 16.971 GHz -51.084 dBm
Marker Function
Select Marker
1
Marker Noise
Band/Interval
Power
Band/Interval
Density
Marker
Function Off
Band Adjust
Measure at
Marker

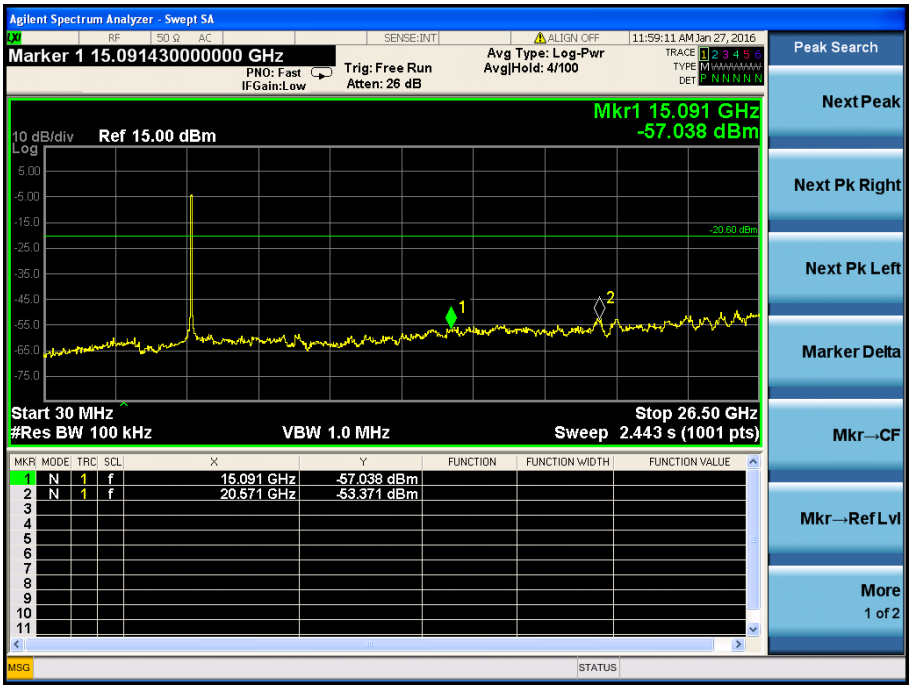
5320MHz


Agilent Spectrum Analyzer - Swept SA
Display Line -20.90 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
11:56:54 AM Jan 27, 2016
Mkr1 5.321 20 GHz
-0.940 dBm
10 dB/div
Ref 15.00 dBm
Log
Start 5.30622 GHz
#Res BW 100 kHz
VBW 1.0 MHz
Stop 5.38000 GHz
Sweep 6.867 ms (1001 pts)
1 N 1 f 5.321 20 GHz -0.940 dBm
2 N 1 f 5.350 00 GHz -53.388 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-20.90 dBm
On Off
System
Display
Settings

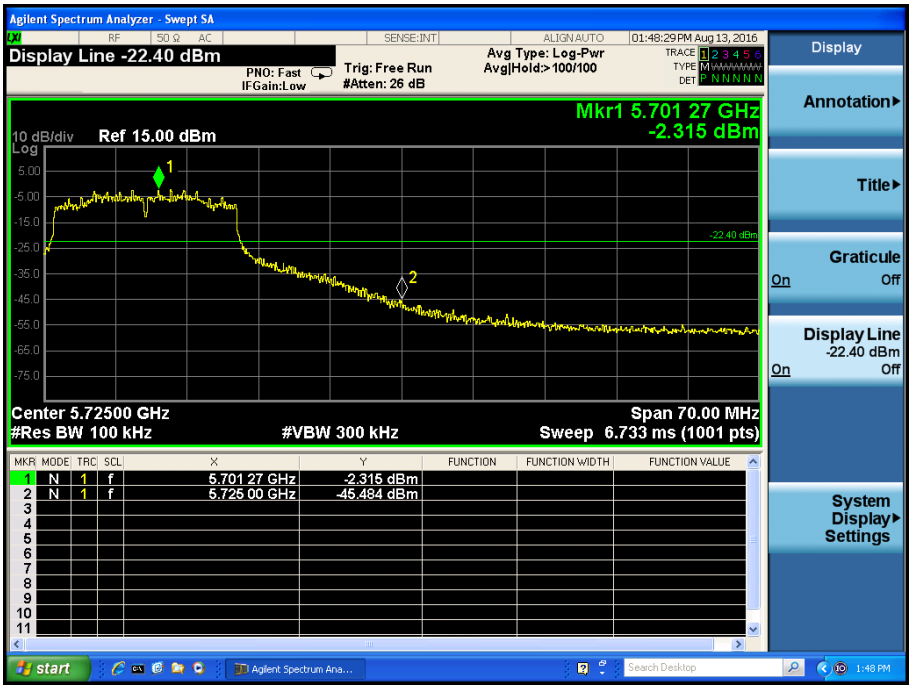

Agilent Spectrum Analyzer - Swept SA
Marker 2 23.138310000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 6/100
11:57:21 AM Jan 27, 2016
Mkr2 23.138 GHz
-51.887 dBm
10 dB/div
Ref 15.00 dBm
Log
Start 30 MHz
#Res BW 100 kHz
VBW 1.0 MHz
Stop 26.50 GHz
Sweep 2.443 s (1001 pts)
1 N 1 f 20.518 GHz -53.075 dBm
2 N 1 f 23.138 GHz -51.887 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2

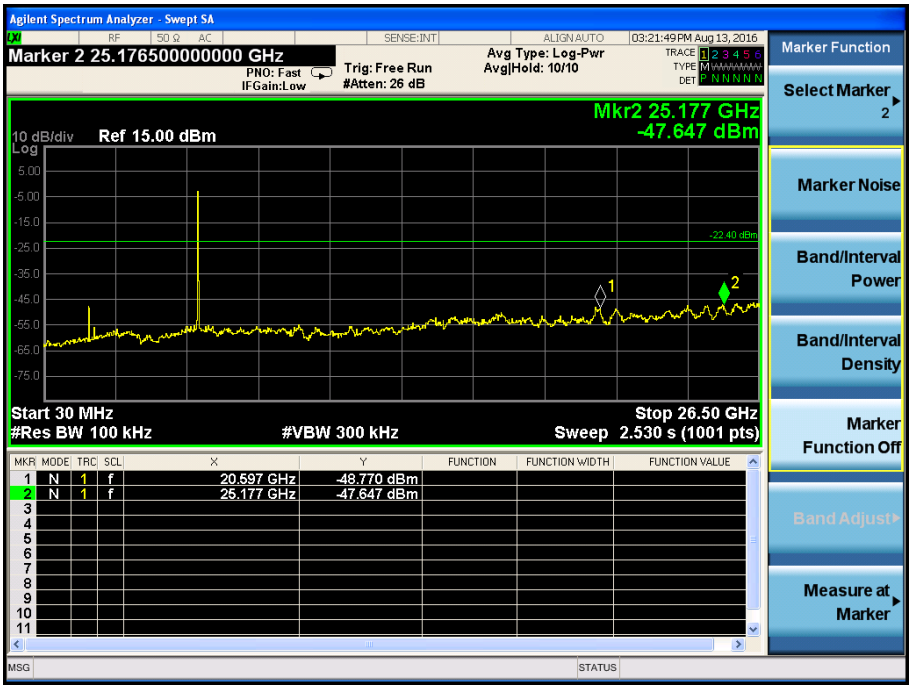
5500MHz


Agilent Spectrum Analyzer - Swept SA
Marker 2 5.470000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
11:58:47 AM Jan 27, 2016
Mkr2 5.470 00 GHz
-52.575 dBm
10 dB/div
Ref 15.00 dBm
Log
-20.60 dBm
Start 5.44847 GHz
#Res BW 100 kHz
VBW 1.0 MHz
Stop 5.51693 GHz
Sweep 6.333 ms (1001 pts)
1 N 1 f 5.504 95 GHz -0.595 dBm
2 N 1 f 5.470 00 GHz -52.575 dBm
Marker
Select Marker
2
Normal
Delta
Fixed
Off
Properties
More
1 of 2


Agilent Spectrum Analyzer - Swept SA
Marker 1 15.091430000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 4/100
11:59:11 AM Jan 27, 2016
Mkr1 15.091 GHz
-57.038 dBm
10 dB/div
Ref 15.00 dBm
Log
-20.60 dBm
Start 30 MHz
#Res BW 100 kHz
VBW 1.0 MHz
Stop 26.50 GHz
Sweep 2.443 s (1001 pts)
1 N 1 f 15.091 GHz -57.038 dBm
2 N 1 f 20.571 GHz -53.371 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2

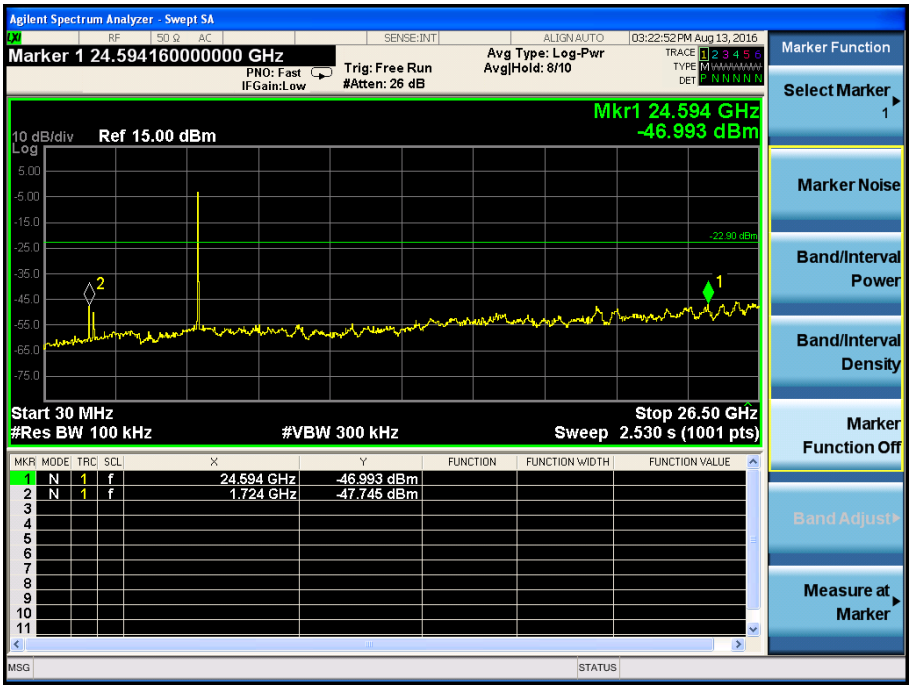
5700MHz


Agilent Spectrum Analyzer - Swept SA
Display Line -22.40 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
01:48:29 PM Aug 13, 2016
Mkr1 5.701 27 GHz
-2.315 dBm
10 dB/div
Ref 15.00 dBm
Log
-22.40 dBm
Center 5.72500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 70.00 MHz
Sweep 6.733 ms (1001 pts)
1 N 1 f 5.701 27 GHz -2.315 dBm
2 N 1 f 5.725 00 GHz -45.484 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-22.40 dBm
On Off
System
Display
Settings
start
1:48 PM

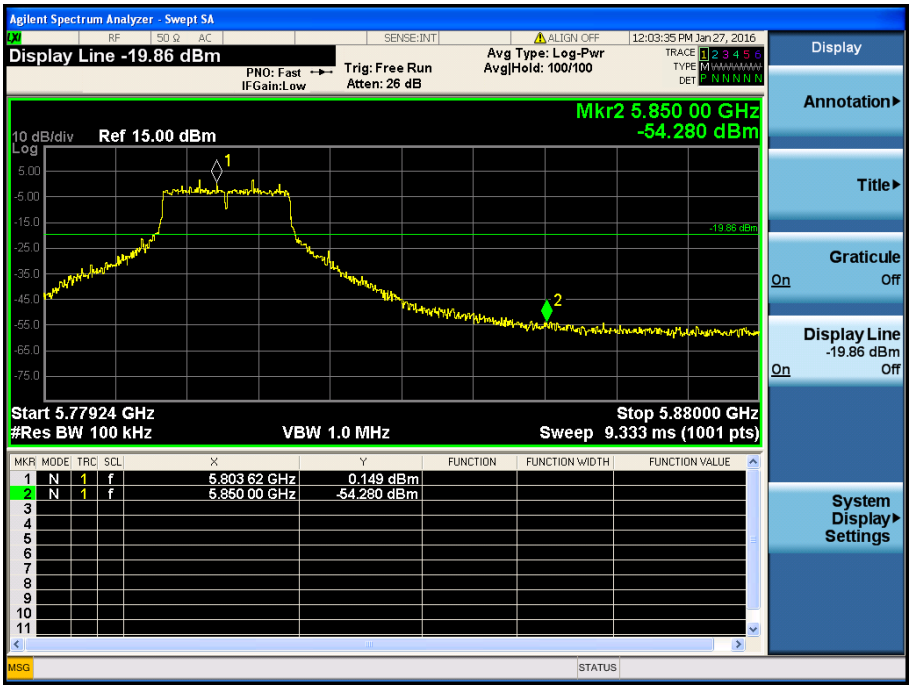

Agilent Spectrum Analyzer - Swept SA
Marker 2 25.176500000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 10/10
03:21:49 PM Aug 13, 2016
Mkr2 25.177 GHz
-47.647 dBm
10 dB/div
Ref 15.00 dBm
Log
-22.40 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 20.597 GHz -48.770 dBm
2 N 1 f 25.177 GHz -47.647 dBm
Marker Function
Select Marker
2
Marker Noise
Band/Interval
Power
Band/Interval
Density
Marker
Function Off
Band Adjust
Measure at
Marker
MSG
STATUS

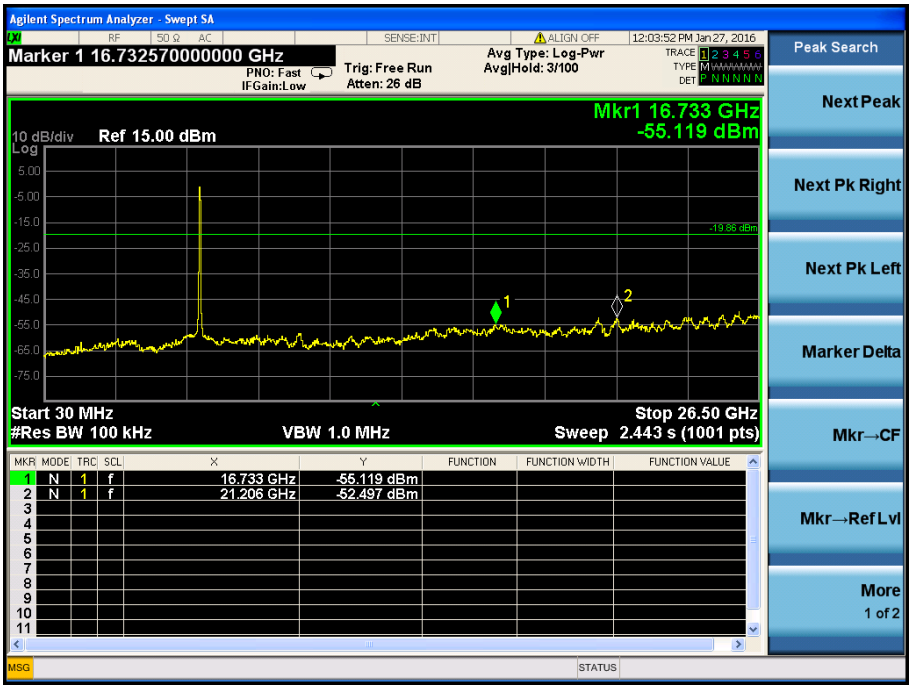
5745MHz


Agilent Spectrum Analyzer - Swept SA
Display Line -22.90 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
01:49:22 PM Aug 13, 2016
Mkr1 5.746 24 GHz
-2.870 dBm
10 dB/div
Ref 15.00 dBm
Log
Center 5.72500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 60.00 MHz
Sweep 5.800 ms (1001 pts)
1 N 1 f 5.746 24 GHz -2.870 dBm
2 N 1 f 5.725 00 GHz -40.252 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-22.90 dBm
On Off
System
Display
Settings


Agilent Spectrum Analyzer - Swept SA
Marker 1 24.594160000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 8/10
03:22:52 PM Aug 13, 2016
Mkr1 24.594 GHz
-46.993 dBm
10 dB/div
Ref 15.00 dBm
Log
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 24.594 GHz -46.993 dBm
2 N 1 f 1.724 GHz -47.745 dBm
Marker Function
Select Marker
1
Marker Noise
Band/Interval
Power
Band/Interval
Density
Marker
Function Off
Band Adjust
Measure at
Marker

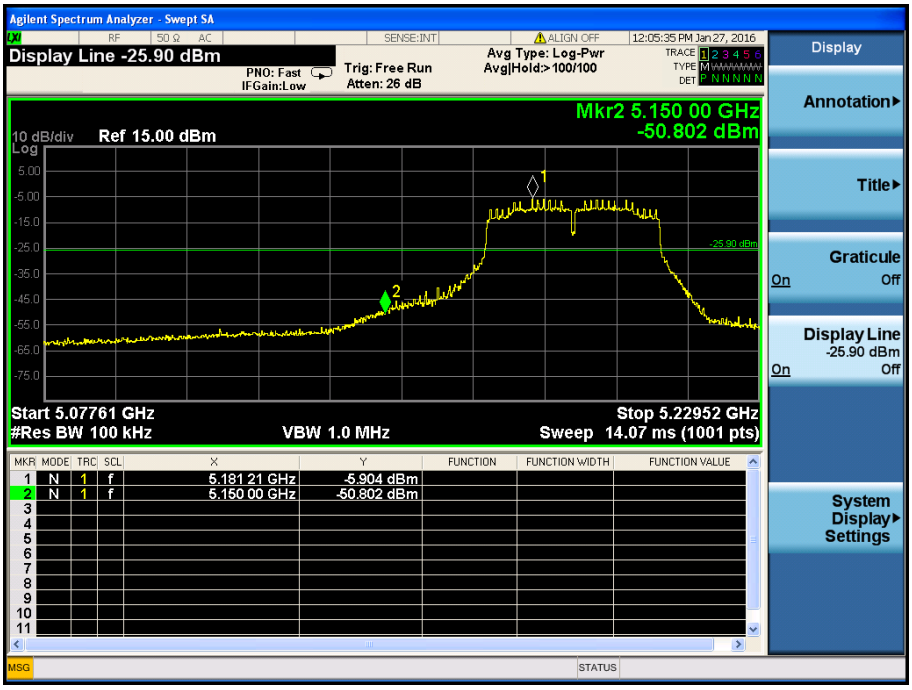
5825MHz

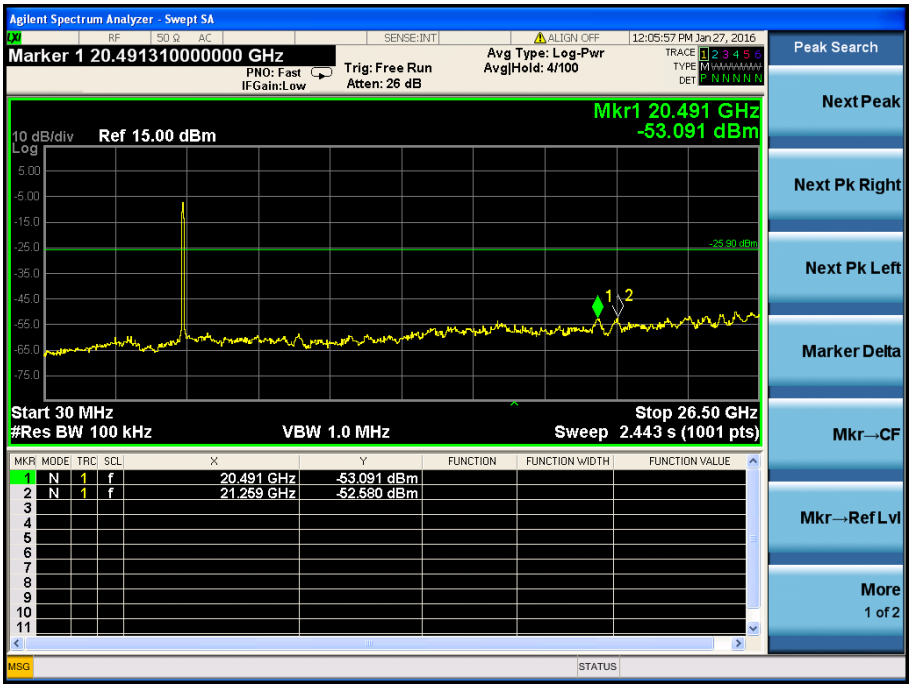

Agilent Spectrum Analyzer - Swept SA
Display Line -19.86 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
12:03:35 PM Jan 27, 2016
Mkr2 5.850 00 GHz
-54.280 dBm
10 dB/div
Ref 15.00 dBm
Log
-19.86 dBm
Start 5.77924 GHz
#Res BW 100 kHz
VBW 1.0 MHz
Stop 5.88000 GHz
Sweep 9.333 ms (1001 pts)
1 N 1 f 5.803 62 GHz 0.149 dBm
2 N 1 f 5.850 00 GHz -54.280 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-19.86 dBm
On Off
System
Display
Settings
MSG
STATUS


Agilent Spectrum Analyzer - Swept SA
Marker 1 16.732570000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 3/100
12:03:52 PM Jan 27, 2016
Mkr1 16.733 GHz
-55.119 dBm
10 dB/div
Ref 15.00 dBm
Log
-19.86 dBm
Start 30 MHz
#Res BW 100 kHz
VBW 1.0 MHz
Stop 26.50 GHz
Sweep 2.443 s (1001 pts)
1 N 1 f 16.733 GHz -55.119 dBm
2 N 1 f 21.206 GHz -52.497 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2
MSG
STATUS

802.11n-HT40 Bandedge (Conducted)

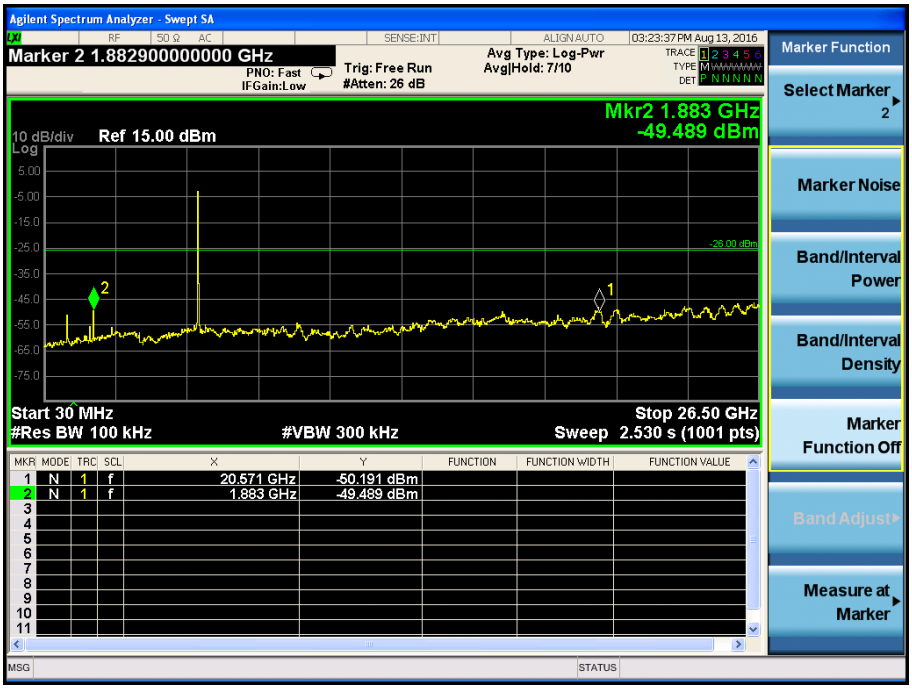
5190MHz



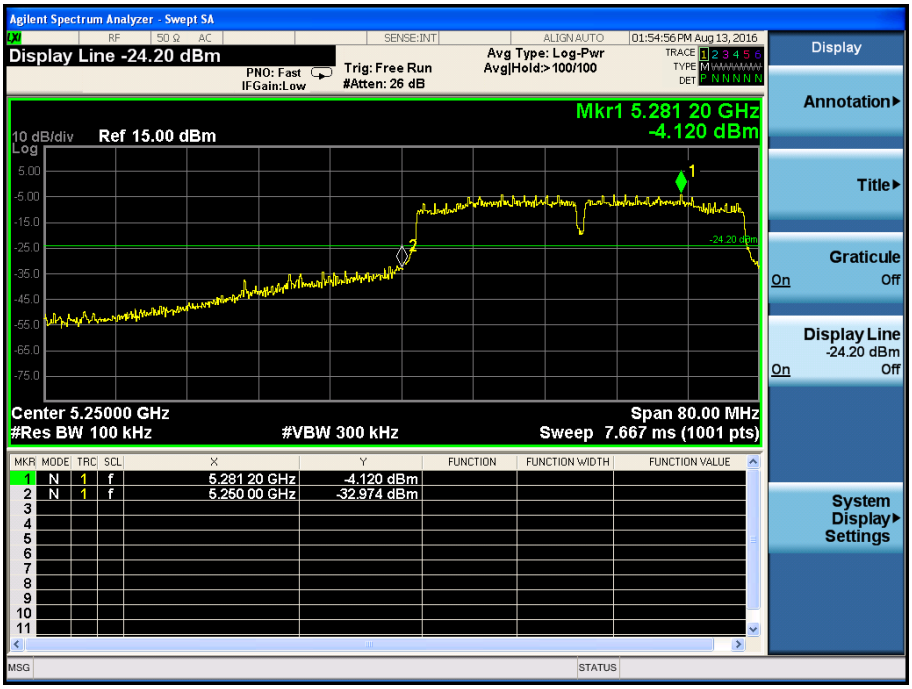


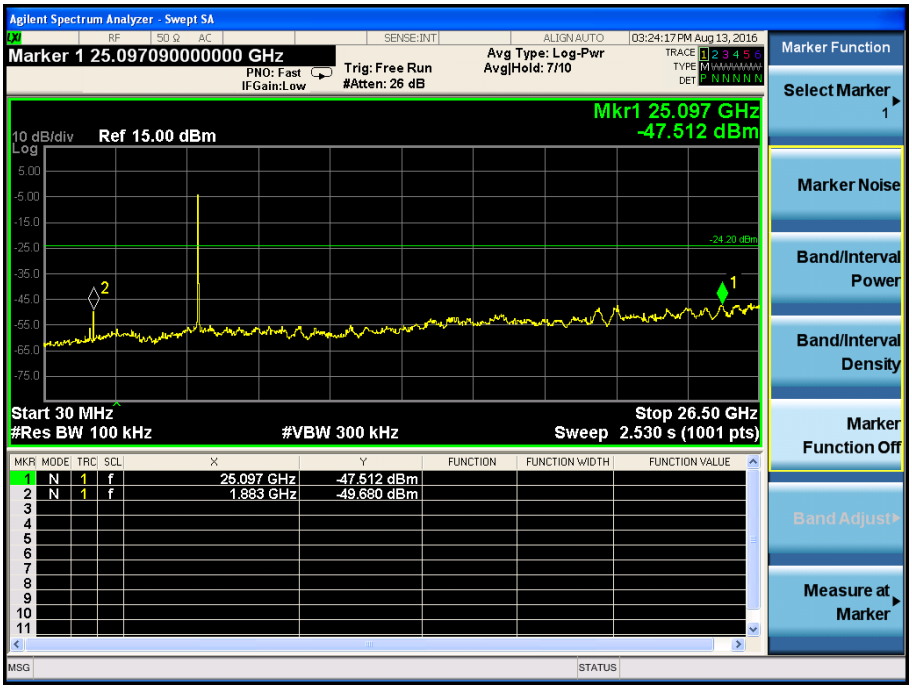
5230MHz


Agilent Spectrum Analyzer - Swept SA
Display Line -26.00 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
02:36:28 PM Aug 13, 2016
Mkr1 5.234 96 GHz
-5.988 dBm
10 dB/div
Ref 15.00 dBm
Log
-26.00 dBm
Center 5.25000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 80.00 MHz
Sweep 7.667 ms (1001 pts)
1 N 1 f 5.234 96 GHz -5.988 dBm
2 N 1 f 5.250 00 GHz -30.240 dBm
Save
State
Trace (+ State)
Data (Export) Trace 1
Screen Image
MSG
STATUS


Agilent Spectrum Analyzer - Swept SA
Marker 2 1.882900000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 7/10
03:23:37 PM Aug 13, 2016
Mkr2 1.883 GHz
-49.489 dBm
10 dB/div
Ref 15.00 dBm
Log
-26.00 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 20.571 GHz -50.191 dBm
2 N 1 f 1.883 GHz -49.489 dBm
Marker Function
Select Marker 2
Marker Noise
Band/Interval Power
Band/Interval Density
Marker Function Off
Band Adjust
Measure at Marker
MSG
STATUS

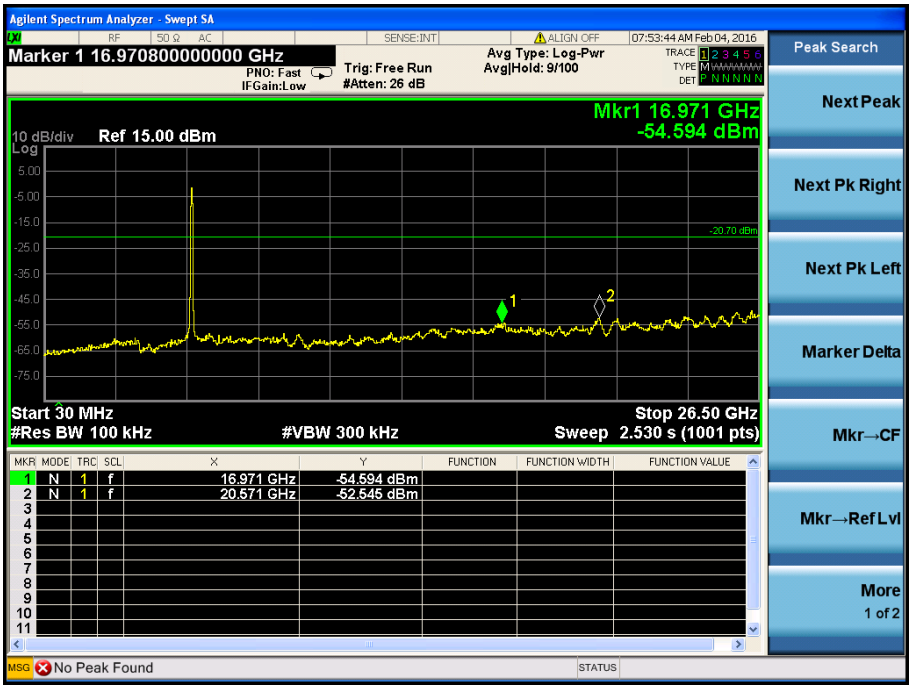
5270MHz


Agilent Spectrum Analyzer - Swept SA
Display Line -24.20 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
01:54:56 PM Aug 13, 2016
Mkr1 5.281 20 GHz
-4.120 dBm
10 dB/div
Ref 15.00 dBm
Log
-24.20 dBm
Center 5.25000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 80.00 MHz
Sweep 7.667 ms (1001 pts)
1 N 1 f 5.281 20 GHz -4.120 dBm
2 N 1 f 5.250 00 GHz -32.974 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-24.20 dBm
On Off
System
Display
Settings
MSG
STATUS


Agilent Spectrum Analyzer - Swept SA
Marker 1 25.097090000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 7/10
03:24:17 PM Aug 13, 2016
Mkr1 25.097 GHz
-47.512 dBm
10 dB/div
Ref 15.00 dBm
Log
-24.20 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 25.097 GHz -47.512 dBm
2 N 1 f 1.883 GHz -49.680 dBm
Marker Function
Select Marker
1
Marker Noise
Band/Interval
Power
Band/Interval
Density
Marker
Function Off
Band Adjust
Measure at
Marker
MSG
STATUS

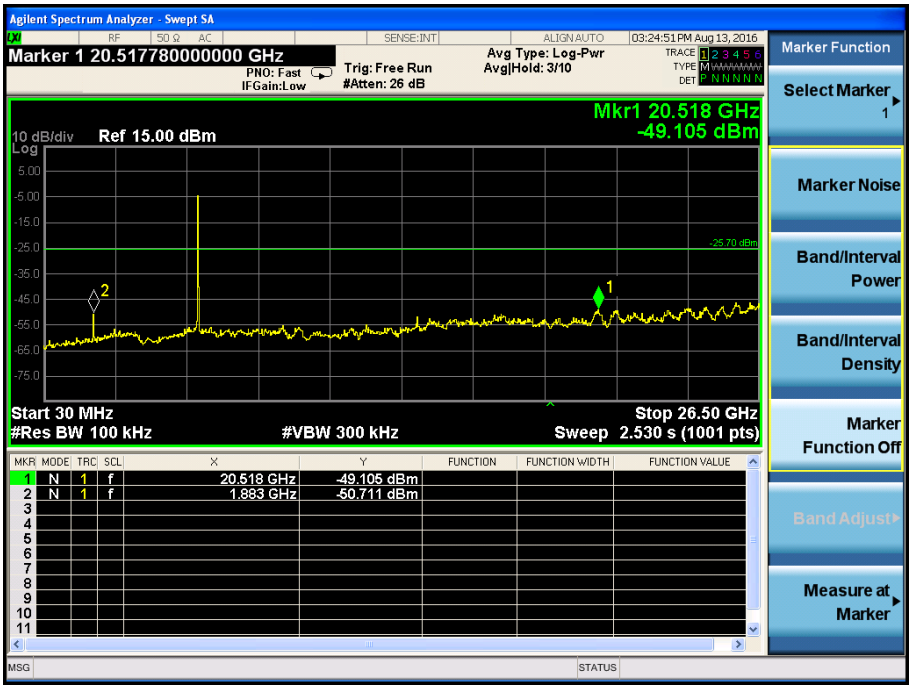
5510MHz


Agilent Spectrum Analyzer - Swept SA
Marker 2 5.470000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
07:52:32 AM Feb 04, 2016
Mkr2 5.470 00 GHz
-40.698 dBm
10 dB/div
Ref 15.00 dBm
Log
-20.70 dBm
Center 5.47000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 120.0 MHz
Sweep 11.53 ms (1001 pts)
1 N 1 f 5.513 68 GHz -0.615 dBm
2 N 1 f 5.470 00 GHz -40.698 dBm
Marker
Select Marker 2
Normal
Delta
Fixed
Off
Properties
More 1 of 2
MSG
STATUS

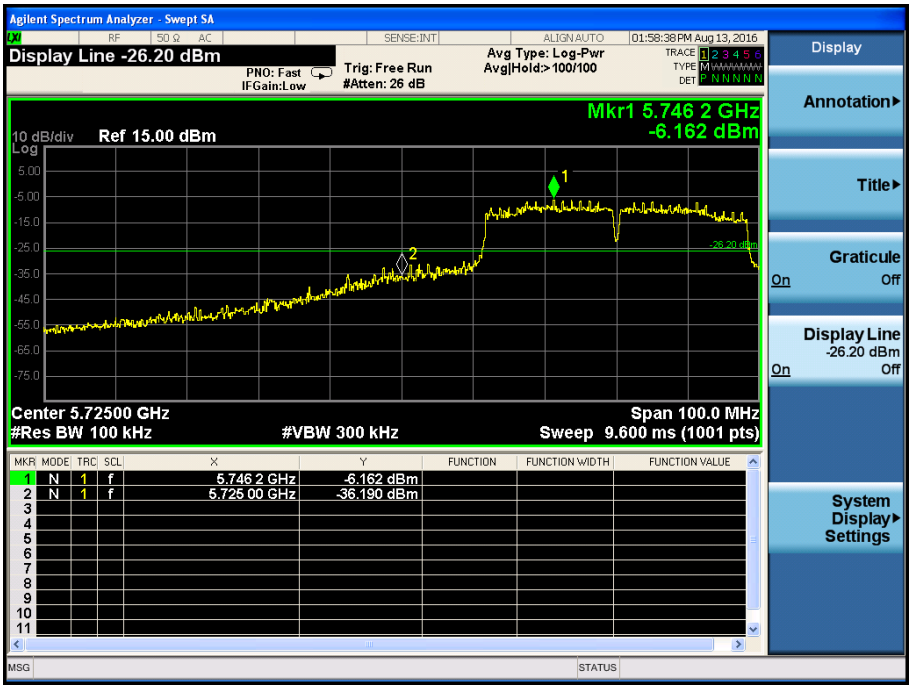

Agilent Spectrum Analyzer - Swept SA
Marker 1 16.970800000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 9/100
07:53:44 AM Feb 04, 2016
Mkr1 16.971 GHz
-54.594 dBm
10 dB/div
Ref 15.00 dBm
Log
-20.70 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 16.971 GHz -54.594 dBm
2 N 1 f 20.571 GHz -52.545 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More 1 of 2
MSG
No Peak Found
STATUS

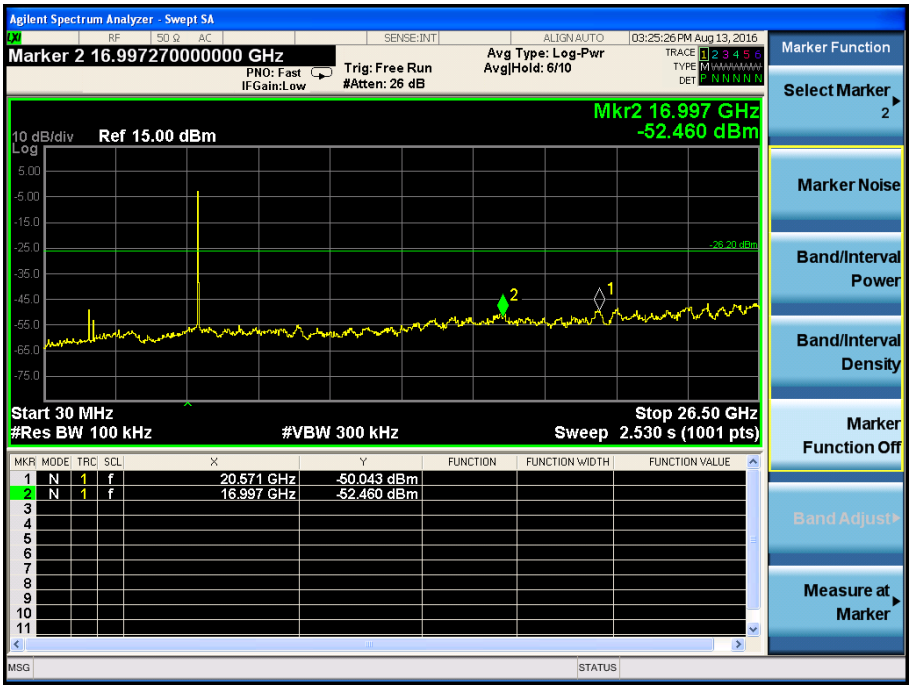
5670MHz


Agilent Spectrum Analyzer - Swept SA
Display Line -25.70 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
01:57:22 PM Aug 13, 2016
Mkr2 5.725 00 GHz
-47.126 dBm
10 dB/div
Ref 15.00 dBm
Log
-25.70 dBm
Center 5.72500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 160.0 MHz
Sweep 15.33 ms (1001 pts)
1 N 1 f 5.661 32 GHz -5.621 dBm
2 N 1 f 5.725 00 GHz -47.126 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-25.70 dBm
On Off
System
Display
Settings
MSG
STATUS


Agilent Spectrum Analyzer - Swept SA
Marker 1 20.517780000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 3/10
03:24:51 PM Aug 13, 2016
Mkr1 20.518 GHz
-49.105 dBm
10 dB/div
Ref 15.00 dBm
Log
-25.70 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 20.518 GHz -49.105 dBm
2 N 1 f 1.883 GHz -50.711 dBm
Marker Function
Select Marker
1
Marker Noise
Band/Interval
Power
Band/Interval
Density
Marker
Function Off
Band Adjust
Measure at
Marker
MSG
STATUS

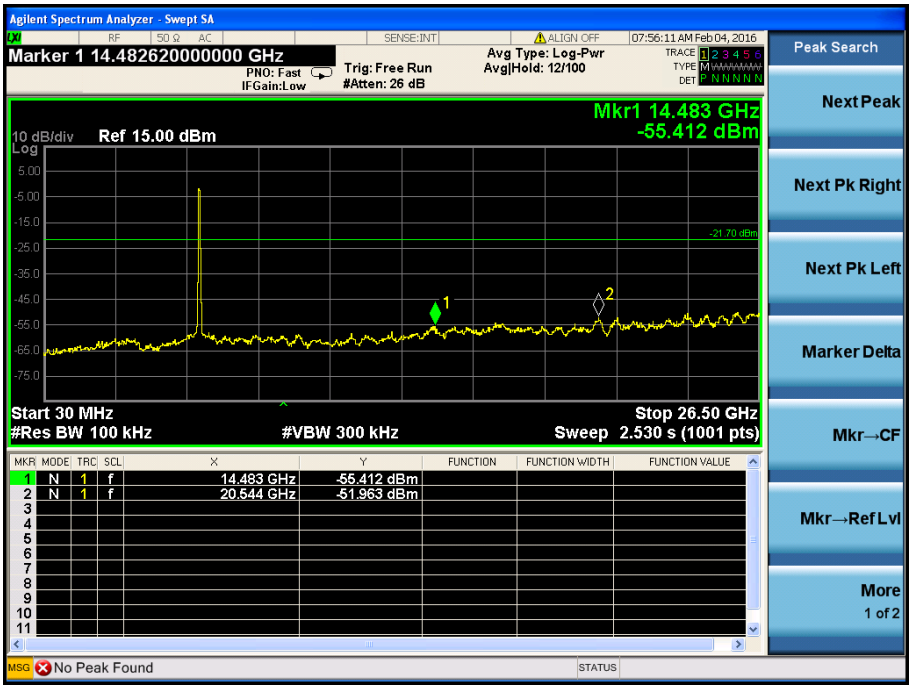
5755MHz


Agilent Spectrum Analyzer - Swept SA
Display Line -26.20 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
01:58:38 PM Aug 13, 2016
Mkr1 5.746 2 GHz
-6.162 dBm
10 dB/div
Ref 15.00 dBm
Log
Center 5.72500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 100.0 MHz
Sweep 9.600 ms (1001 pts)
1 N 1 f 5.746 2 GHz -6.162 dBm
2 N 1 f 5.725 00 GHz -36.190 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-26.20 dBm
On Off
System
Display
Settings
MSG
STATUS


Agilent Spectrum Analyzer - Swept SA
Marker 2 16.997270000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 6/10
03:25:26 PM Aug 13, 2016
Mkr2 16.997 GHz
-52.460 dBm
10 dB/div
Ref 15.00 dBm
Log
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 20.571 GHz -50.043 dBm
2 N 1 f 16.997 GHz -52.460 dBm
Marker Function
Select Marker
2
Marker Noise
Band/Interval
Power
Band/Interval
Density
Marker
Function Off
Band Adjust
Measure at
Marker
MSG
STATUS

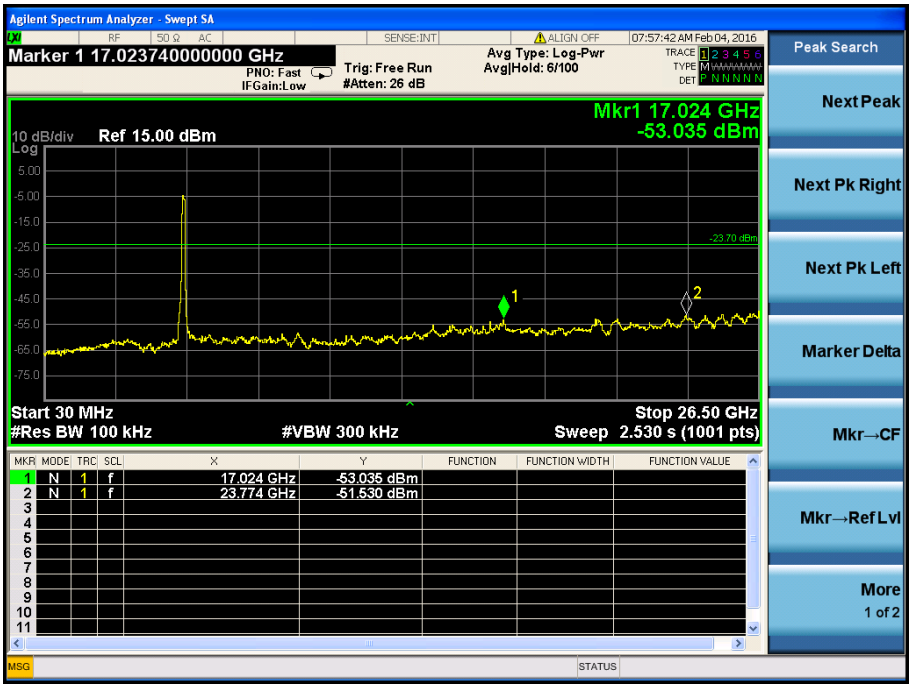
5795MHz


Agilent Spectrum Analyzer - Swept SA
Marker 2 5.850000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
07:55:25 AM Feb 04, 2016
Mkr2 5.850 00 GHz
-51.572 dBm
10 dB/div
Ref 15.00 dBm
-21.70 dBm
Center 5.85000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 160.0 MHz
Sweep 15.33 ms (1001 pts)
1 N 1 f 5.790 00 GHz -1.680 dBm
2 N 1 f 5.850 00 GHz -51.572 dBm
Marker
Select Marker 2
Normal
Delta
Fixed
Off
Properties
More 1 of 2
MSG
STATUS

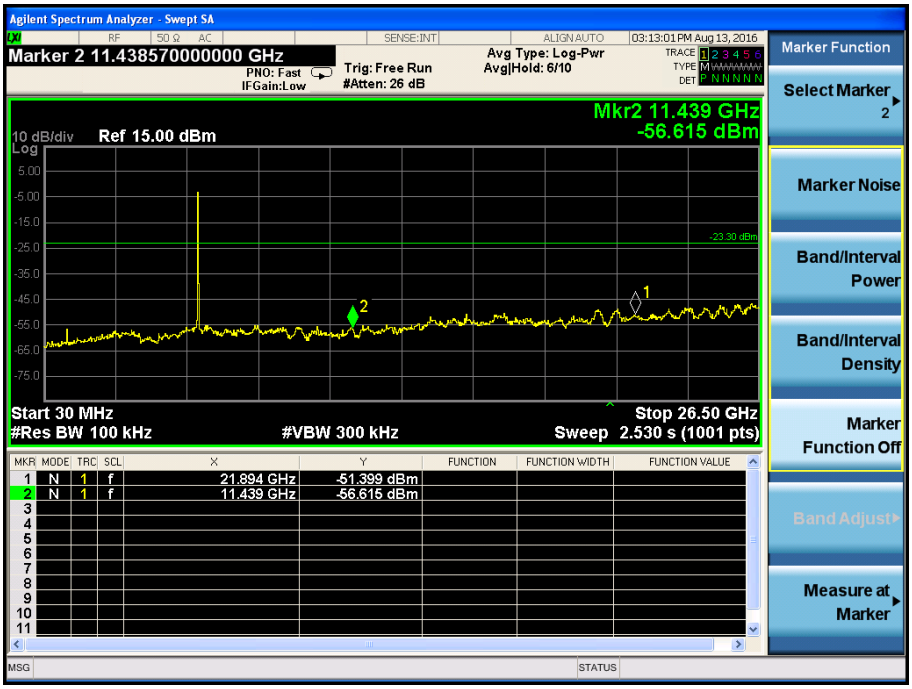

Agilent Spectrum Analyzer - Swept SA
Marker 1 14.482620000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 12/100
07:56:11 AM Feb 04, 2016
Mkr1 14.483 GHz
-55.412 dBm
10 dB/div
Ref 15.00 dBm
-21.70 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 14.483 GHz -55.412 dBm
2 N 1 f 20.544 GHz -51.963 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More 1 of 2
MSG
No Peak Found
STATUS

802.11ac-HT80 Bandedge (Conducted)

5210MHz

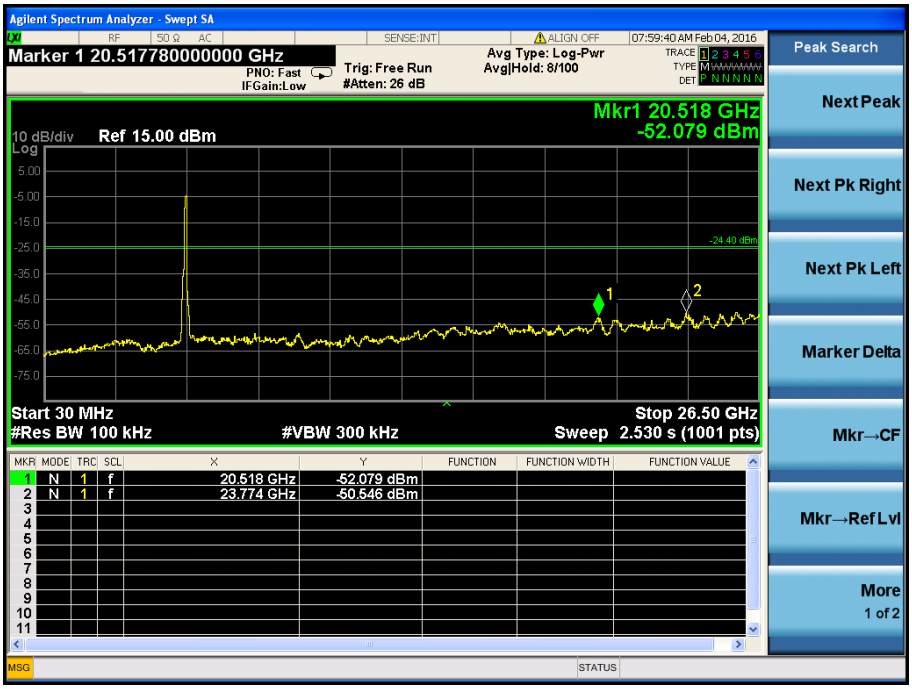



Agilent Spectrum Analyzer - Swept SA
Marker 2 5.250000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
11:33:04 AM Aug 13, 2016
Mkr2 5.250 00 GHz
-30.927 dBm
10 dB/div
Ref 15.00 dBm
Log
-23.30 dBm
Center 5.25000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 160.0 MHz
Sweep 15.33 ms (1001 pts)
1 N 1 f 5.234 96 GHz -3.240 dBm
2 N 1 f 5.250 00 GHz -30.927 dBm
Marker Function
Select Marker 2
Marker Noise
Band/Interval Power
Band/Interval Density
Marker Function Off
Band Adjust
Measure at Marker

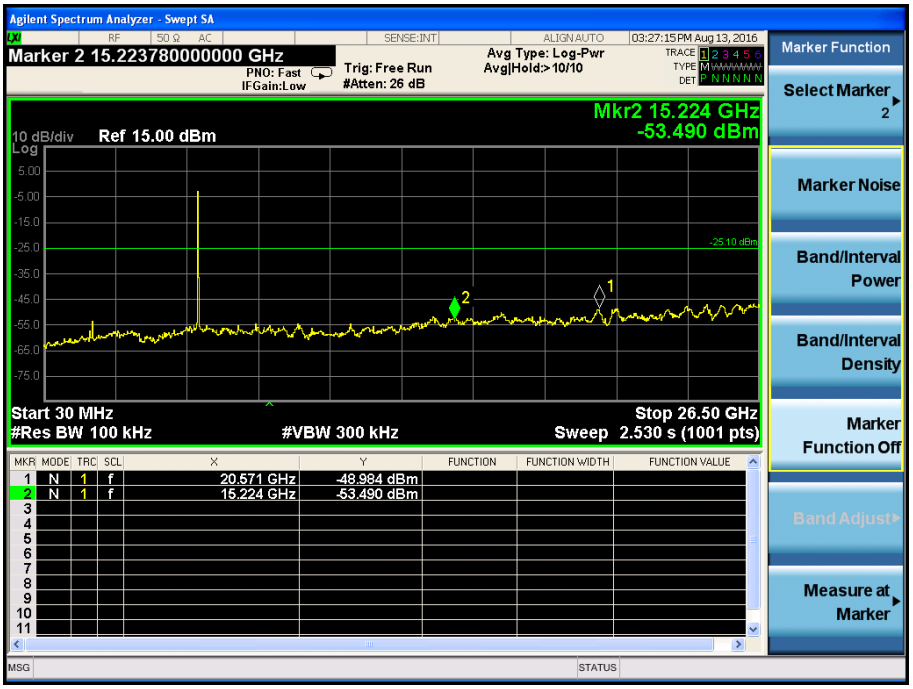

Agilent Spectrum Analyzer - Swept SA
Marker 2 11.438570000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 6/10
03:13:01 PM Aug 13, 2016
Mkr2 11.439 GHz
-56.615 dBm
10 dB/div
Ref 15.00 dBm
Log
-23.30 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 21.894 GHz -51.399 dBm
2 N 1 f 11.439 GHz -56.615 dBm
Marker Function
Select Marker 2
Marker Noise
Band/Interval Power
Band/Interval Density
Marker Function Off
Band Adjust
Measure at Marker
MSG
STATUS

5290MHz


Agilent Spectrum Analyzer - Swept SA
Marker 2 5.350000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
07:59:06 AM Feb 04, 2016
Mkr2 5.350 00 GHz
-42.901 dBm
10 dB/div
Ref 15.00 dBm
Log
-24.40 dBm
Center 5.3500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 210.0 MHz
Sweep 20.13 ms (1001 pts)
1 N 1 f 5.301 28 GHz -4.339 dBm
2 N 1 f 5.350 00 GHz -42.901 dBm
Marker
Select Marker 2
Normal
Delta
Fixed
Off
Properties
More 1 of 2
MSG
STATUS

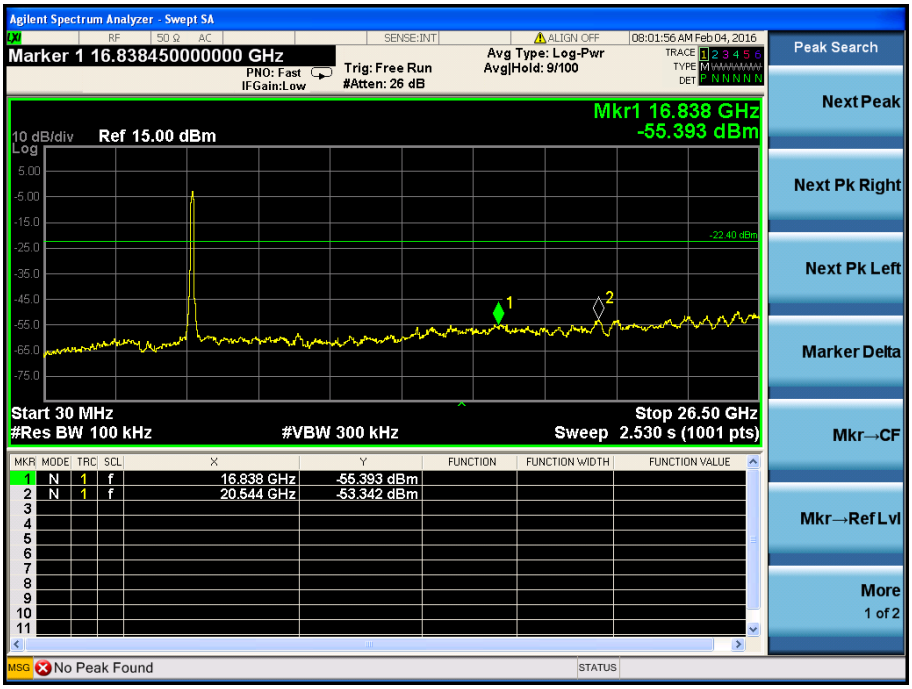

Agilent Spectrum Analyzer - Swept SA
Marker 1 20.517780000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 8/100
07:59:40 AM Feb 04, 2016
Mkr1 20.518 GHz
-52.079 dBm
10 dB/div
Ref 15.00 dBm
Log
-24.40 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 20.518 GHz -52.079 dBm
2 N 1 f 23.774 GHz -50.546 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More 1 of 2
MSG
STATUS


Agilent Spectrum Analyzer - Swept SA
Display Line -25.10 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
02:03:31 PM Aug 13, 2016
Mkr1 5.305 08 GHz
-5.072 dBm
10 dB/div
Ref 15.00 dBm
Log
-25.10 dBm
Center 5.25000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 180.0 MHz
Sweep 17.27 ms (1001 pts)
1 N 1 f 5.305 08 GHz -5.072 dBm
2 N 1 f 5.250 00 GHz -31.985 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-25.10 dBm
On Off
System Display Settings
MSG
STATUS


Agilent Spectrum Analyzer - Swept SA
Marker 2 15.223780000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>10/10
03:27:15 PM Aug 13, 2016
Mkr2 15.224 GHz
-53.490 dBm
10 dB/div
Ref 15.00 dBm
Log
-25.10 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 20.571 GHz -48.984 dBm
2 N 1 f 15.224 GHz -53.490 dBm
Marker Function
Select Marker 2
Marker Noise
Band/Interval Power
Band/Interval Density
Marker Function Off
Band Adjust
Measure at Marker
MSG
STATUS

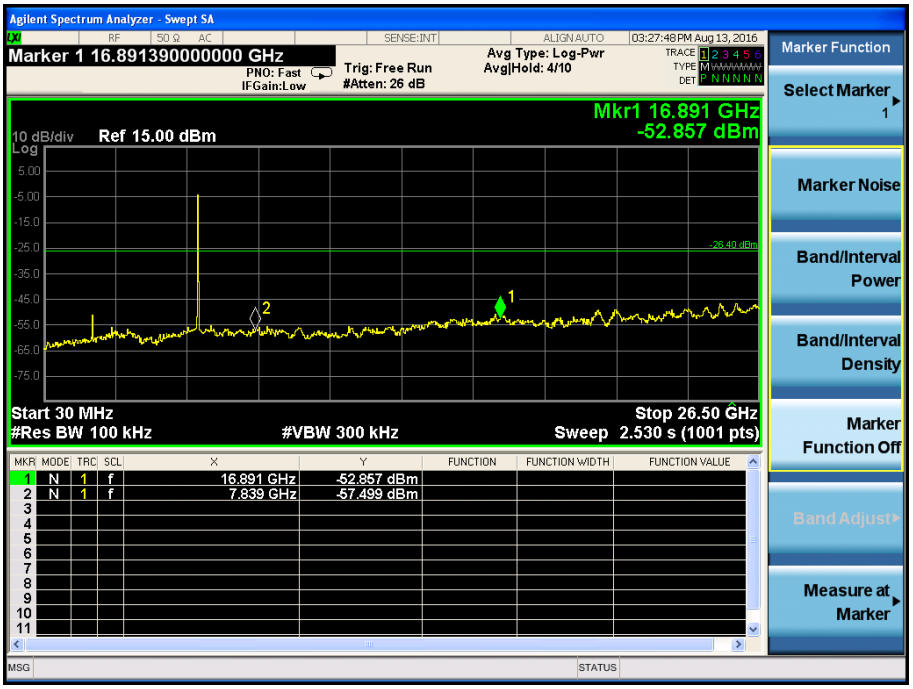
5530MHz


Agilent Spectrum Analyzer - Swept SA
Marker 2 5.470000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
08:01:19 AM Feb 04, 2016
Mkr2 5.470 00 GHz
-35.368 dBm
10 dB/div
Ref 15.00 dBm
-22.40 dBm
Center 5.4700 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 210.0 MHz
Sweep 20.13 ms (1001 pts)
1 N 1 f 5.521 24 GHz -2.305 dBm
2 N 1 f 5.470 00 GHz -35.368 dBm
Marker
Select Marker
Normal
Delta
Fixed
Off
Properties
More
1 of 2


Agilent Spectrum Analyzer - Swept SA
Marker 1 16.838450000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 9/100
08:01:56 AM Feb 04, 2016
Mkr1 16.838 GHz
-55.393 dBm
10 dB/div
Ref 15.00 dBm
-22.40 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 16.838 GHz -55.393 dBm
2 N 1 f 20.544 GHz -53.342 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2
No Peak Found

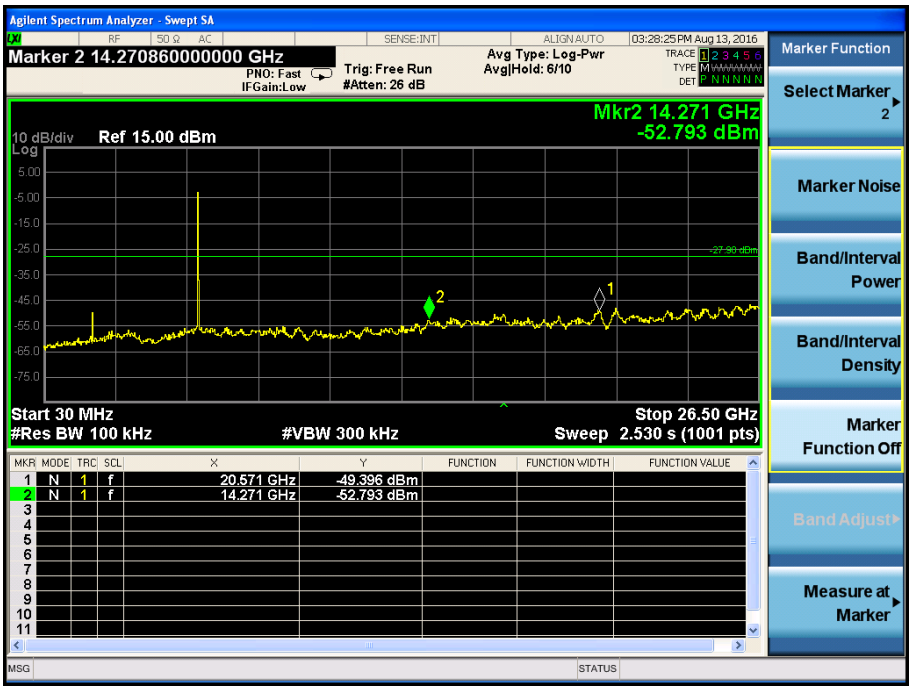
5690MHz


Agilent Spectrum Analyzer - Swept SA
Display Line -26.40 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
02:05:43 PM Aug 13, 2016
Mkr2 5.730 00 GHz
-29.992 dBm
10 dB/div
Log
Ref 15.00 dBm
-26.40 dBm
Center 5.73000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 180.0 MHz
Sweep 17.27 ms (1001 pts)
1 N 1 f 5.715 06 GHz -6.374 dBm
2 N 1 f 5.730 00 GHz -29.992 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-26.40 dBm
On Off
System
Display
Settings
MSG
STATUS

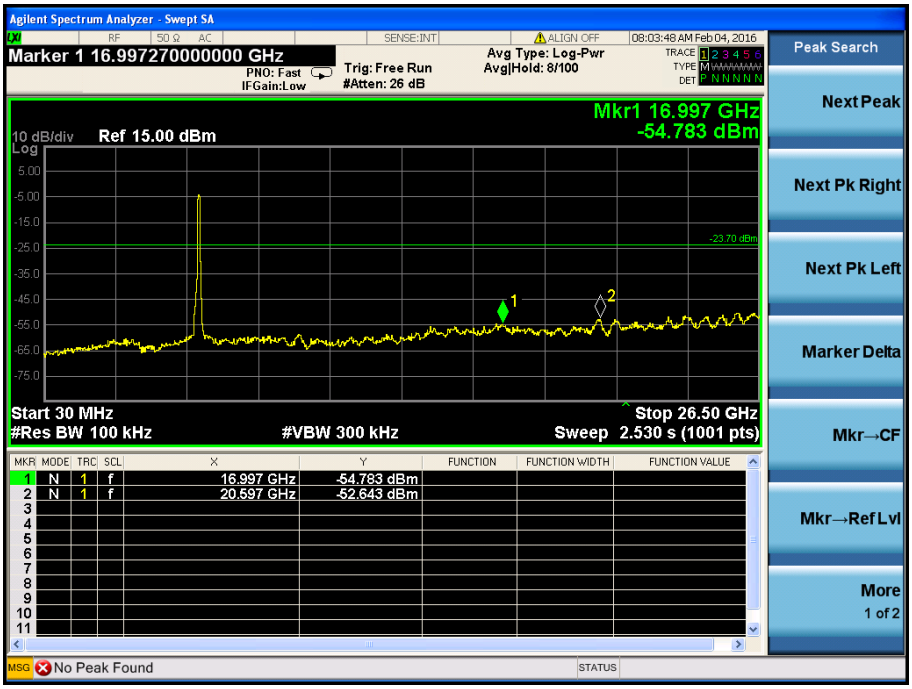

Agilent Spectrum Analyzer - Swept SA
Marker 1 16.891390000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 4/10
03:27:48 PM Aug 13, 2016
Mkr1 16.891 GHz
-52.857 dBm
10 dB/div
Log
Ref 15.00 dBm
-26.40 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 16.891 GHz -52.857 dBm
2 N 1 f 7.839 GHz -57.499 dBm
Marker Function
Select Marker
1
Marker Noise
Band/Interval
Power
Band/Interval
Density
Marker
Function Off
Band Adjust
Measure at
Marker
MSG
STATUS

5775MHz


Agilent Spectrum Analyzer - Swept SA
Display Line -27.90 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
02:07:01 PM Aug 13, 2016
Mkr1 5.749 98 GHz
-7.806 dBm
10 dB/div
Ref 15.00 dBm
Log
Center 5.73000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 180.0 MHz
Sweep 17.27 ms (1001 pts)
1 N 1 f 5.749 98 GHz -7.806 dBm
2 N 1 f 5.730 00 GHz -32.019 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-27.90 dBm
On Off
System
Display
Settings
MSG
STATUS


Agilent Spectrum Analyzer - Swept SA
Marker 2 14.270860000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 6/10
03:28:25 PM Aug 13, 2016
Mkr2 14.271 GHz
-52.793 dBm
10 dB/div
Ref 15.00 dBm
Log
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 20.571 GHz -49.396 dBm
2 N 1 f 14.271 GHz -52.793 dBm
Marker Function
Select Marker
2
Marker Noise
Band/Interval
Power
Band/Interval
Density
Marker
Function Off
Band Adjust
Measure at
Marker
MSG
STATUS

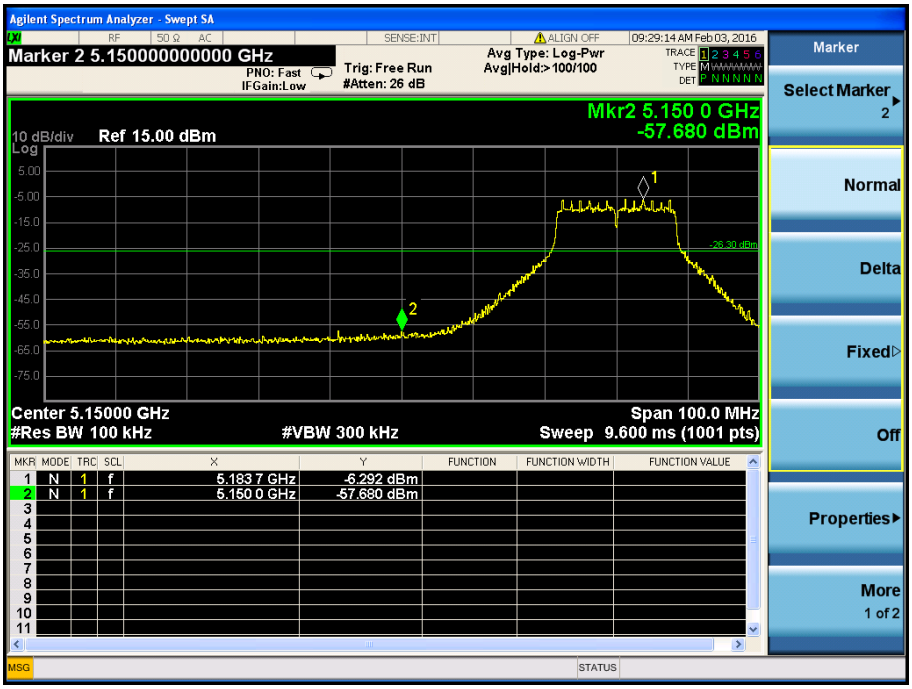

Agilent Spectrum Analyzer - Swept SA
Marker 2 5.850000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
08:03:13 AM Feb 04, 2016
Mkr2 5.850 00 GHz
-45.855 dBm
10 dB/div
Ref 15.00 dBm
Log
-23.70 dBm
Center 5.8500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 240.0 MHz
Sweep 23.00 ms (1001 pts)
1 N 1 f 5.766 24 GHz -3.551 dBm
2 N 1 f 5.850 00 GHz -45.855 dBm
Marker
Select Marker 2
Normal
Delta
Fixed
Off
Properties
More 1 of 2
MSG
STATUS

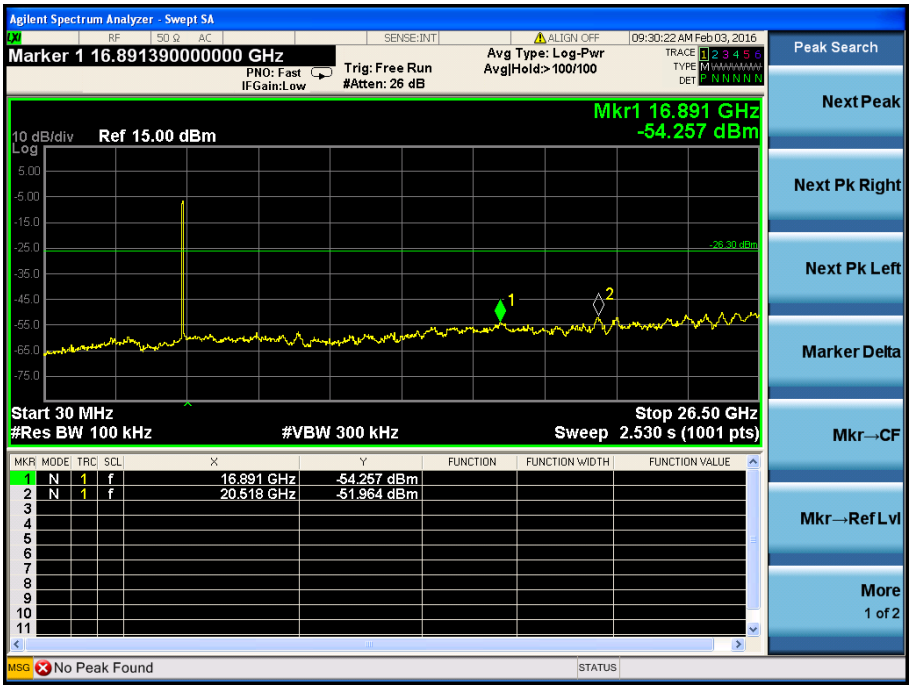

Agilent Spectrum Analyzer - Swept SA
Marker 1 16.997270000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 8/100
08:03:48 AM Feb 04, 2016
Mkr1 16.997 GHz
-54.783 dBm
10 dB/div
Ref 15.00 dBm
Log
-23.70 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 16.997 GHz -54.783 dBm
2 N 1 f 20.597 GHz -52.643 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More 1 of 2
MSG
No Peak Found
STATUS

Antenna 2

802.11a Bandedge (Conducted)

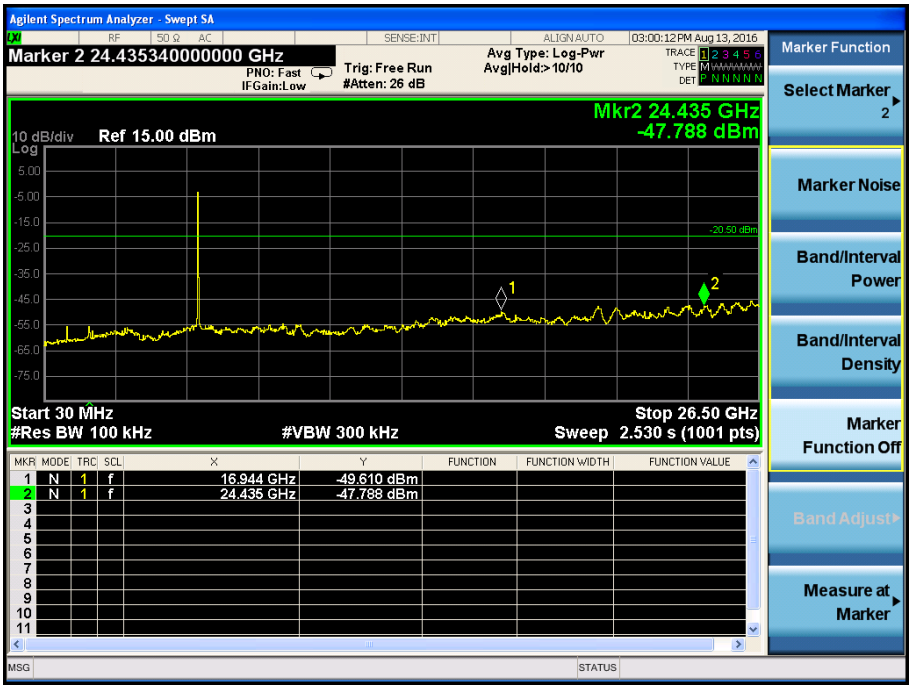
5180MHz





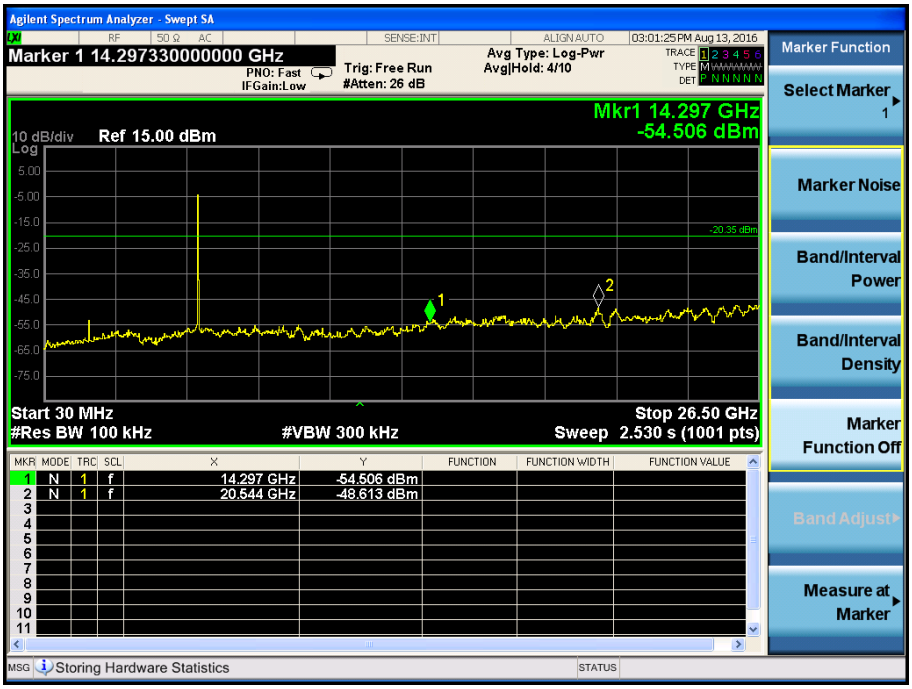
5240MHz


Agilent Spectrum Analyzer - Swept SA
Marker 2 5.250000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
11:14:26 AM Aug 13, 2016
Mkr2 5.250 00 GHz
-24.073 dBm
10 dB/div
Ref 15.00 dBm
Log
-20.50 dBm
Center 5.25000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 40.00 MHz
Sweep 3.867 ms (1001 pts)
1 N 1 f 5.241 24 GHz -0.499 dBm
2 N 1 f 5.250 00 GHz -24.073 dBm
Marker Function
Select Marker 2
Marker Noise
Band/Interval Power
Band/Interval Density
Marker Function Off
Band Adjust
Measure at Marker

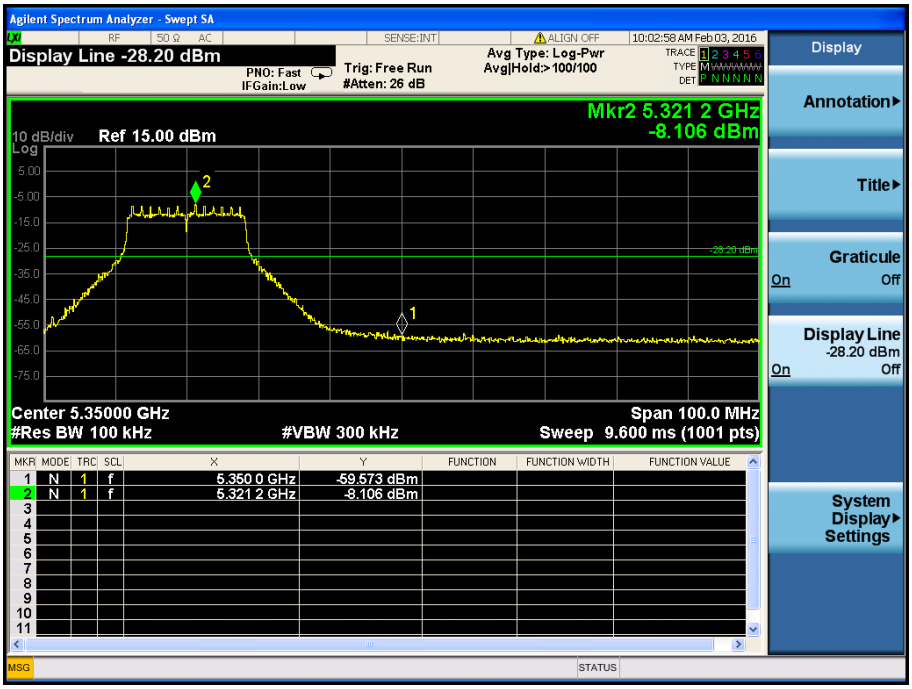

Agilent Spectrum Analyzer - Swept SA
Marker 2 24.435340000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>10/10
03:00:12 PM Aug 13, 2016
Mkr2 24.435 GHz
-47.788 dBm
10 dB/div
Ref 15.00 dBm
Log
-20.50 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 16.944 GHz -49.610 dBm
2 N 1 f 24.435 GHz -47.788 dBm
Marker Function
Select Marker 2
Marker Noise
Band/Interval Power
Band/Interval Density
Marker Function Off
Band Adjust
Measure at Marker

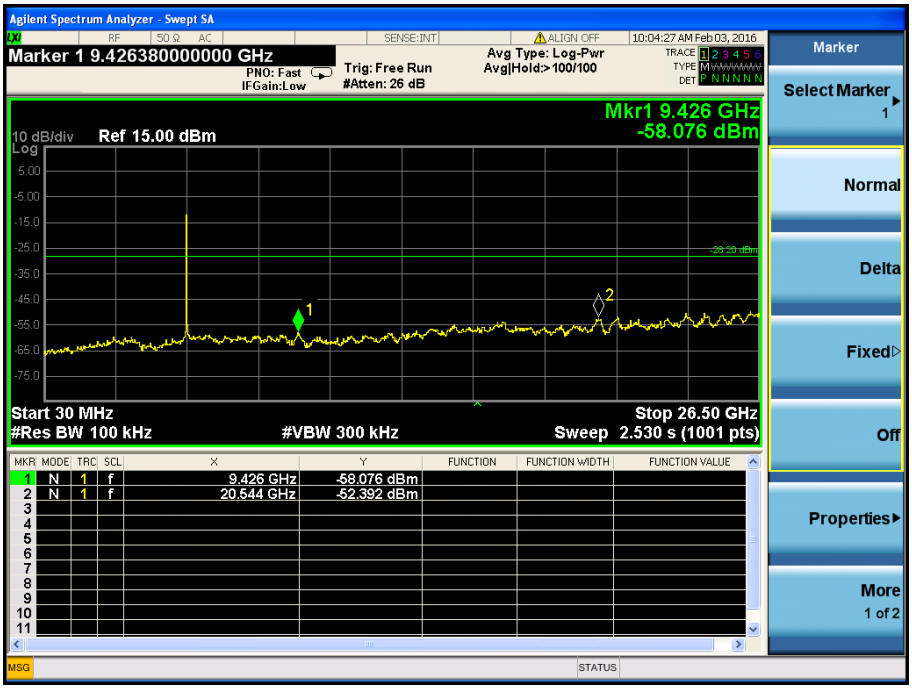
5260MHz


Agilent Spectrum Analyzer - Swept SA
Display Line -20.35 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
11:16:18 AM Aug 13, 2016
Mkr1 5.261 24 GHz
-0.342 dBm
10 dB/div
Ref 15.00 dBm
Log
Center 5.25000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 40.00 MHz
Sweep 3.867 ms (1001 pts)
1 N 1 f 5.261 24 GHz -0.342 dBm
2 N 1 f 5.250 00 GHz -24.273 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-20.35 dBm
On Off
System
Display
Settings

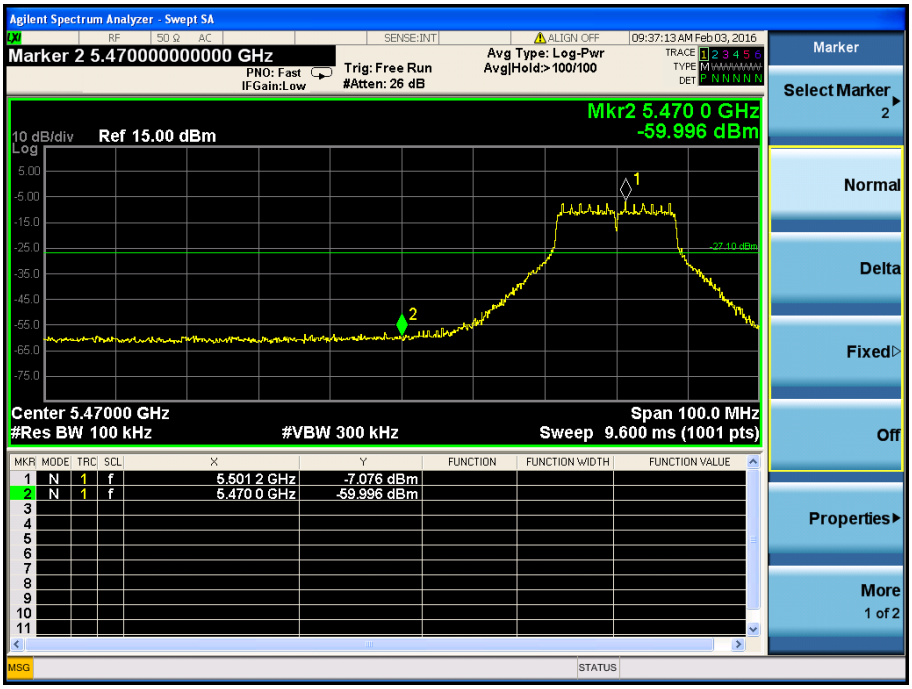

Agilent Spectrum Analyzer - Swept SA
Marker 1 14.297330000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 4/10
03:01:25 PM Aug 13, 2016
Mkr1 14.297 GHz
-54.506 dBm
10 dB/div
Ref 15.00 dBm
Log
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 14.297 GHz -54.506 dBm
2 N 1 f 20.544 GHz -48.613 dBm
Marker Function
Select Marker 1
Marker Noise
Band/Interval Power
Band/Interval Density
Marker Function Off
Band Adjust
Measure at Marker
Storing Hardware Statistics

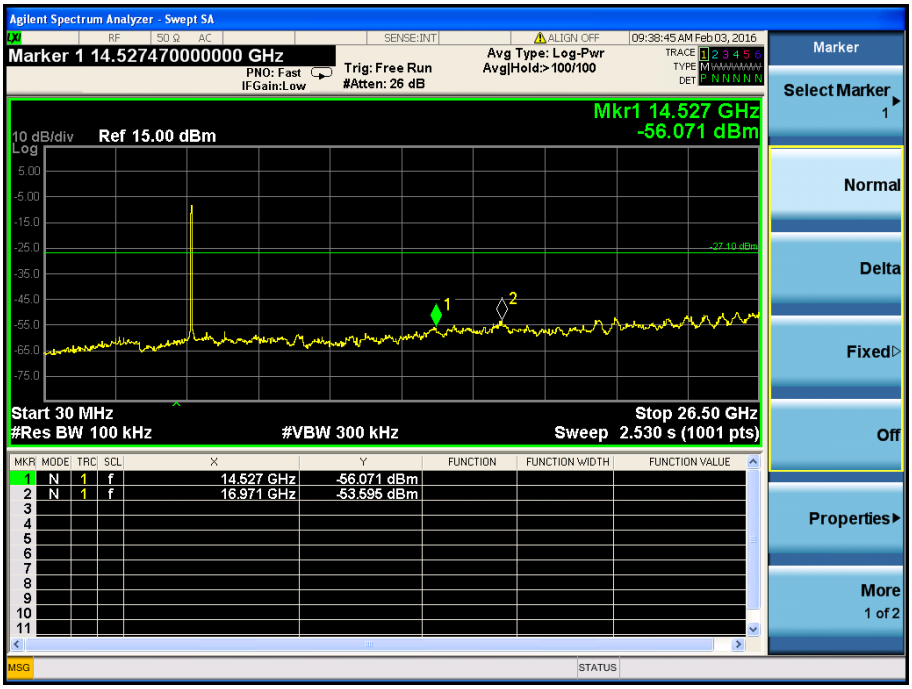
5320MHz


Agilent Spectrum Analyzer - Swept SA
Display Line -28.20 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
10:02:58 AM Feb 03, 2016
Mkr2 5.321 2 GHz
-8.106 dBm
10 dB/div
Ref 15.00 dBm
Log
Center 5.35000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 100.0 MHz
Sweep 9.600 ms (1001 pts)
1 N 1 f 5.350 0 GHz -59.573 dBm
2 N 1 f 5.321 2 GHz -8.106 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-28.20 dBm
On Off
System
Display
Settings


Agilent Spectrum Analyzer - Swept SA
Marker 1 9.426380000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
10:04:27 AM Feb 03, 2016
Mkr1 9.426 GHz
-58.076 dBm
10 dB/div
Ref 15.00 dBm
Log
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 9.426 GHz -58.076 dBm
2 N 1 f 20.544 GHz -52.392 dBm
Marker
Select Marker
1
Normal
Delta
Fixed
Off
Properties
More
1 of 2

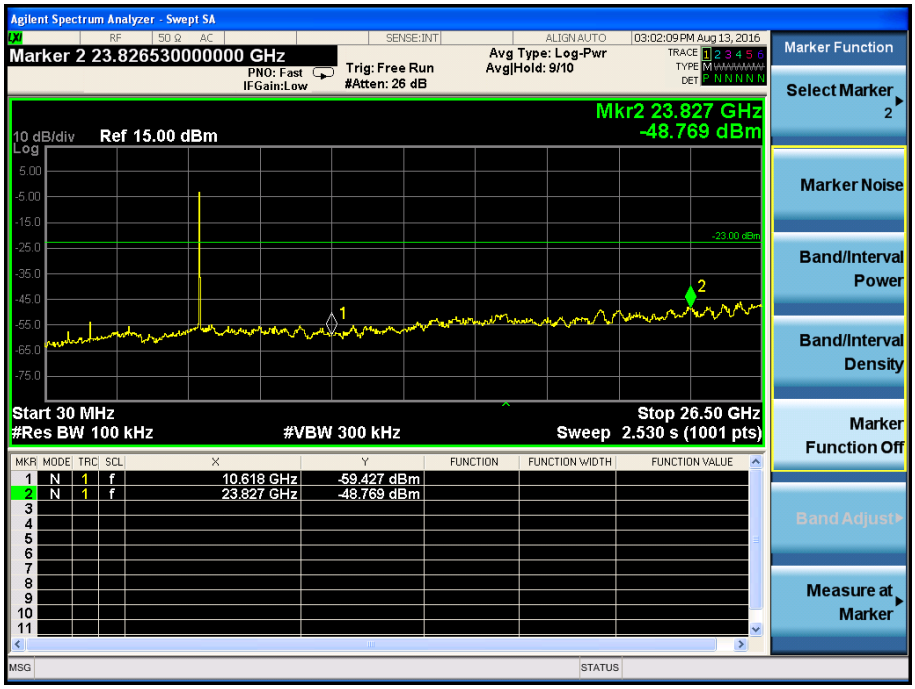
5500MHz


Agilent Spectrum Analyzer - Swept SA
Marker 2 5.470000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
09:37:13 AM Feb 03, 2016
Mkr2 5.470 0 GHz
-59.996 dBm
10 dB/div
Ref 15.00 dBm
Log
-27.10 dBm
Center 5.47000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 100.0 MHz
Sweep 9.600 ms (1001 pts)
1 N 1 f 5.501 2 GHz -7.076 dBm
2 N 1 f 5.470 0 GHz -59.996 dBm
Marker
Select Marker 2
Normal
Delta
Fixed
Off
Properties
More 1 of 2


Agilent Spectrum Analyzer - Swept SA
Marker 1 14.527470000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
09:38:45 AM Feb 03, 2016
Mkr1 14.527 GHz
-56.071 dBm
10 dB/div
Ref 15.00 dBm
Log
-27.10 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 14.527 GHz -56.071 dBm
2 N 1 f 16.971 GHz -53.595 dBm
Marker
Select Marker 1
Normal
Delta
Fixed
Off
Properties
More 1 of 2

5700MHz


Agilent Spectrum Analyzer - Swept SA
Display Line -23.00 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
11:18:55 AM Aug 13, 2016
Mkr2 5.725 00 GHz
-51.773 dBm
10 dB/div
Ref 15.00 dBm
Log
-23.00 dBm
Center 5.72500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 70.00 MHz
Sweep 6.733 ms (1001 pts)
1 N 1 f 5.701 27 GHz -2.990 dBm
2 N 1 f 5.725 00 GHz -51.773 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-23.00 dBm
On Off
System
Display
Settings


Agilent Spectrum Analyzer - Swept SA
Marker 2 23.826530000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 26 dB
Avg Type: Log-Pwr
Avg|Hold: 9/10
03:02:09 PM Aug 13, 2016
Mkr2 23.827 GHz
-48.769 dBm
10 dB/div
Ref 15.00 dBm
Log
-23.00 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 26.50 GHz
Sweep 2.530 s (1001 pts)
1 N 1 f 10.618 GHz -59.427 dBm
2 N 1 f 23.827 GHz -48.769 dBm
Marker Function
Select Marker 2
Marker Noise
Band/Interval Power
Band/Interval Density
Marker Function Off
Band Adjust
Measure at Marker