

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Channel	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band2	9262	23.82	25.75	33.00	PASS
Band2	9400	23.84	25.77	33.00	PASS
Band2	9538	23.63	25.56	33.00	PASS
Band4	1312	23.98	26.84	30.00	PASS
Band4	1413	23.93	26.79	30.00	PASS
Band4	1513	24.09	26.95	30.00	PASS

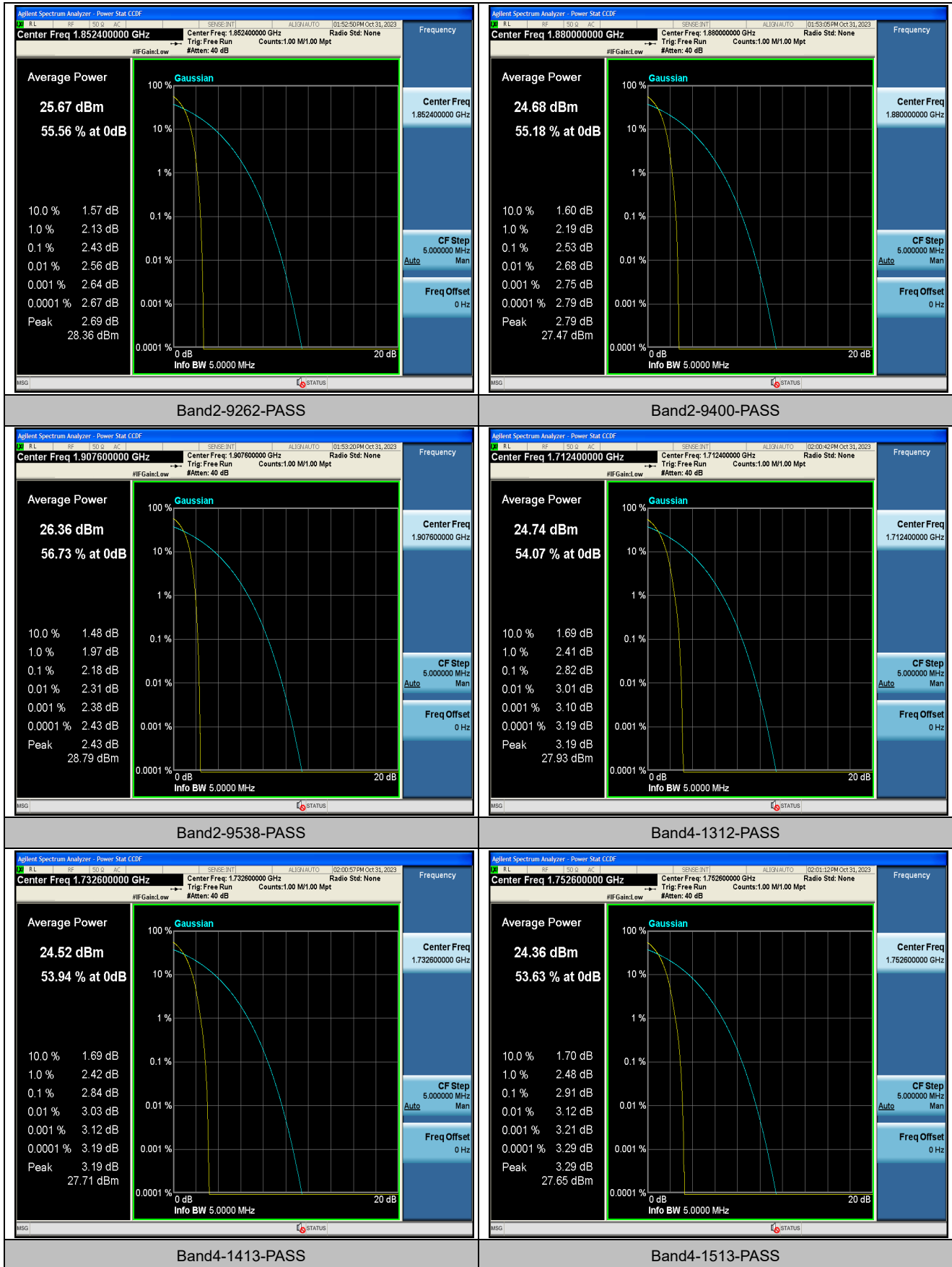
Band	Channel	Result(dBm)	ERP (dBm)	Limit(dBm)	Verdict
Band5	4132	23.29	22.46	38.45	PASS
Band5	4182	23.68	22.85	38.45	PASS
Band5	4233	24.06	23.23	38.45	PASS

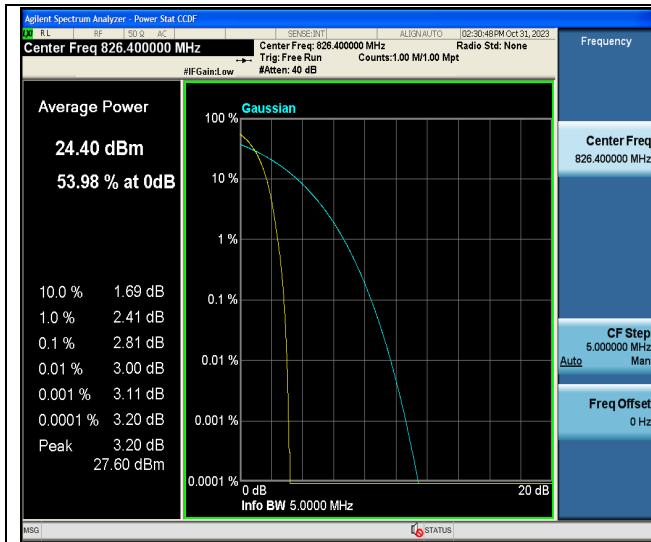
Peak-to-Average Ratio

Test Result

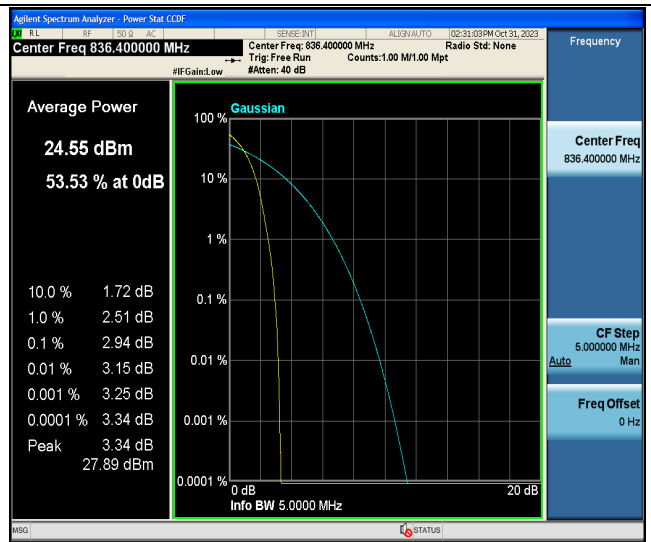
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band2	9262	2.43	13	PASS
Band2	9400	2.53	13	PASS
Band2	9538	2.18	13	PASS
Band4	1312	2.82	13	PASS
Band4	1413	2.84	13	PASS
Band4	1513	2.91	13	PASS
Band5	4132	2.81	13	PASS
Band5	4182	2.94	13	PASS
Band5	4233	2.84	13	PASS

Test Graphs

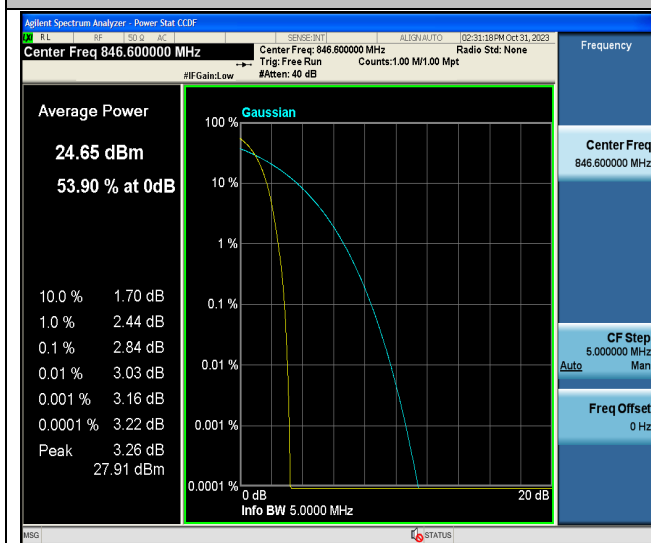




Band5-4132-PASS



Band5-4182-PASS



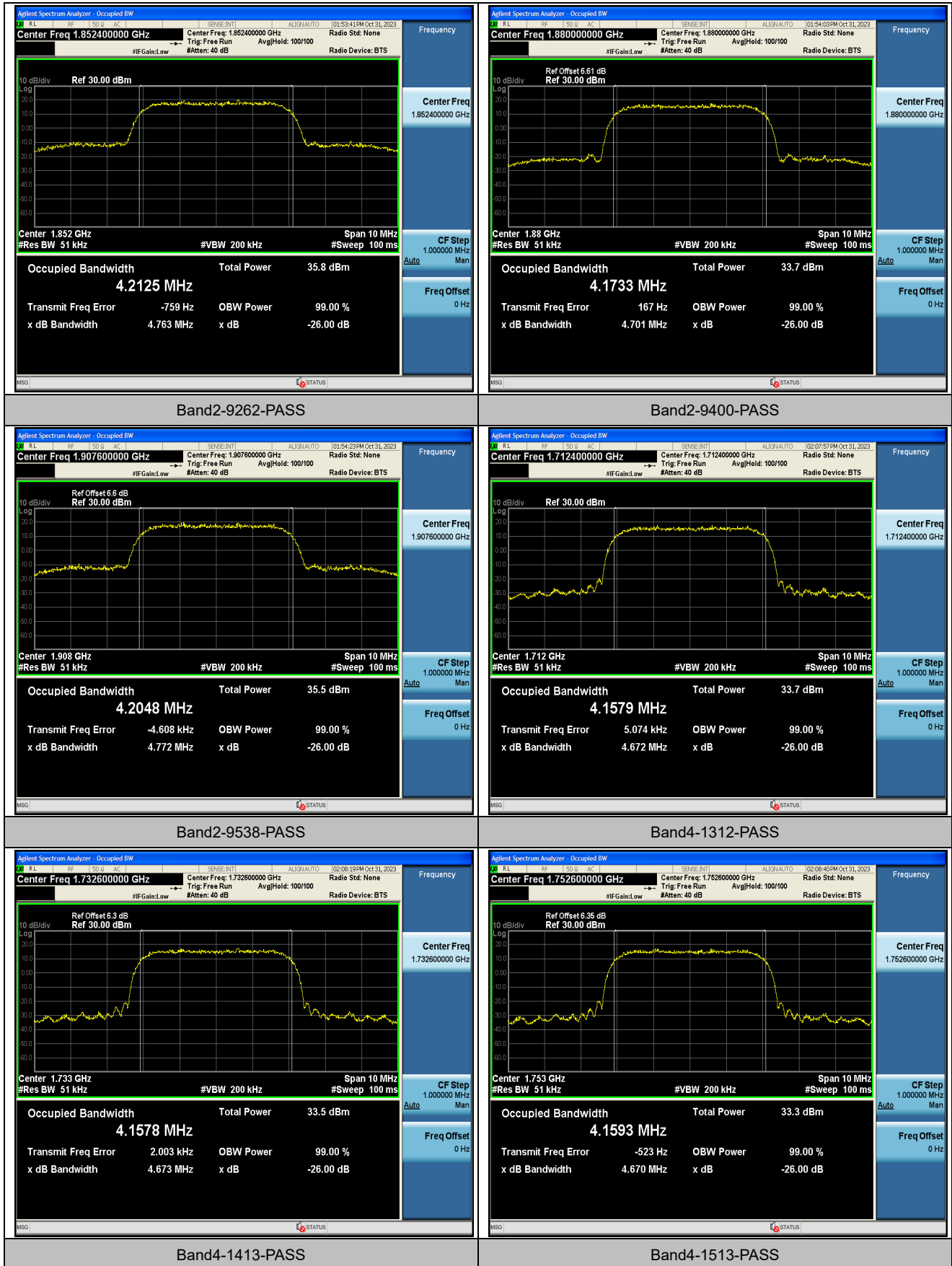
Band5-4233-PASS

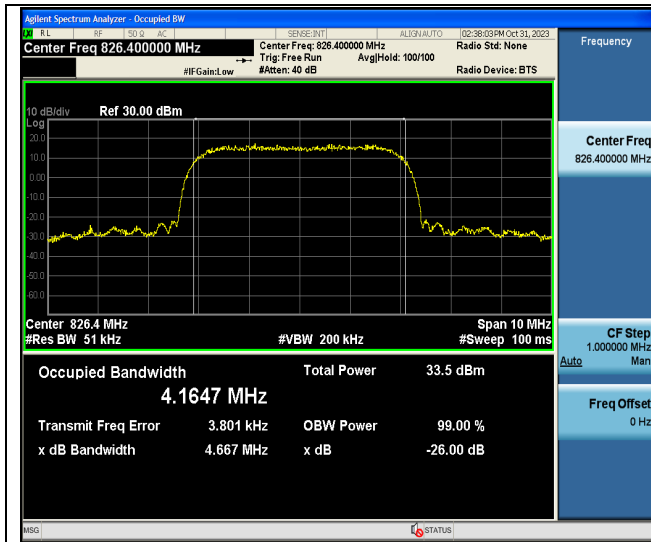
26dB Bandwidth and Occupied Bandwidth

Test Result

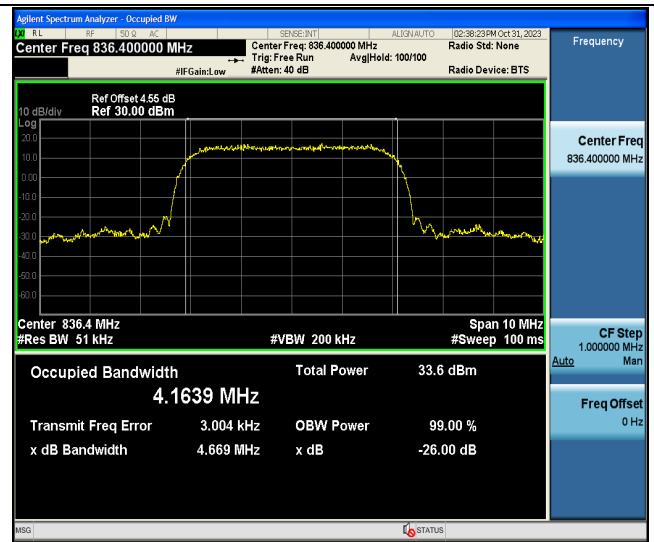
Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band2	9262	4.2125	4.763	---	PASS
Band2	9400	4.1733	4.701	---	PASS
Band2	9538	4.2048	4.772	---	PASS
Band4	1312	4.1579	4.672	---	PASS
Band4	1413	4.1578	4.673	---	PASS
Band4	1513	4.1593	4.670	---	PASS
Band5	4132	4.1647	4.667	---	PASS
Band5	4182	4.1639	4.669	---	PASS
Band5	4233	4.1573	4.665	---	PASS

Test Graphs

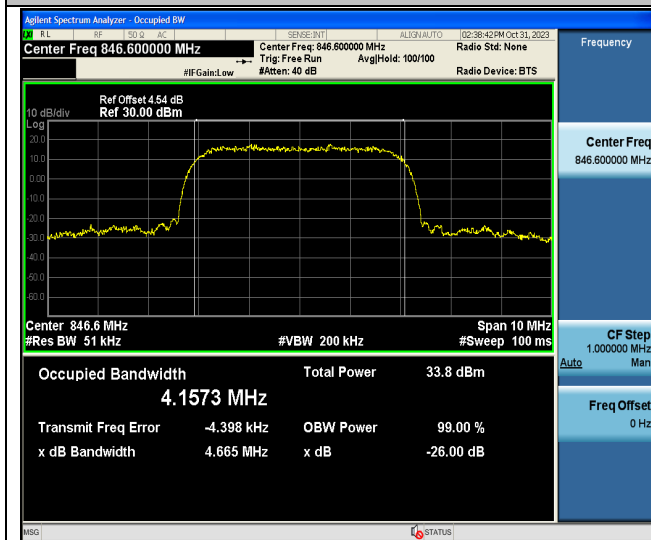




Band5-4132-PASS



Band5-4182-PASS



Band5-4233-PASS

Band Edge

Test Result

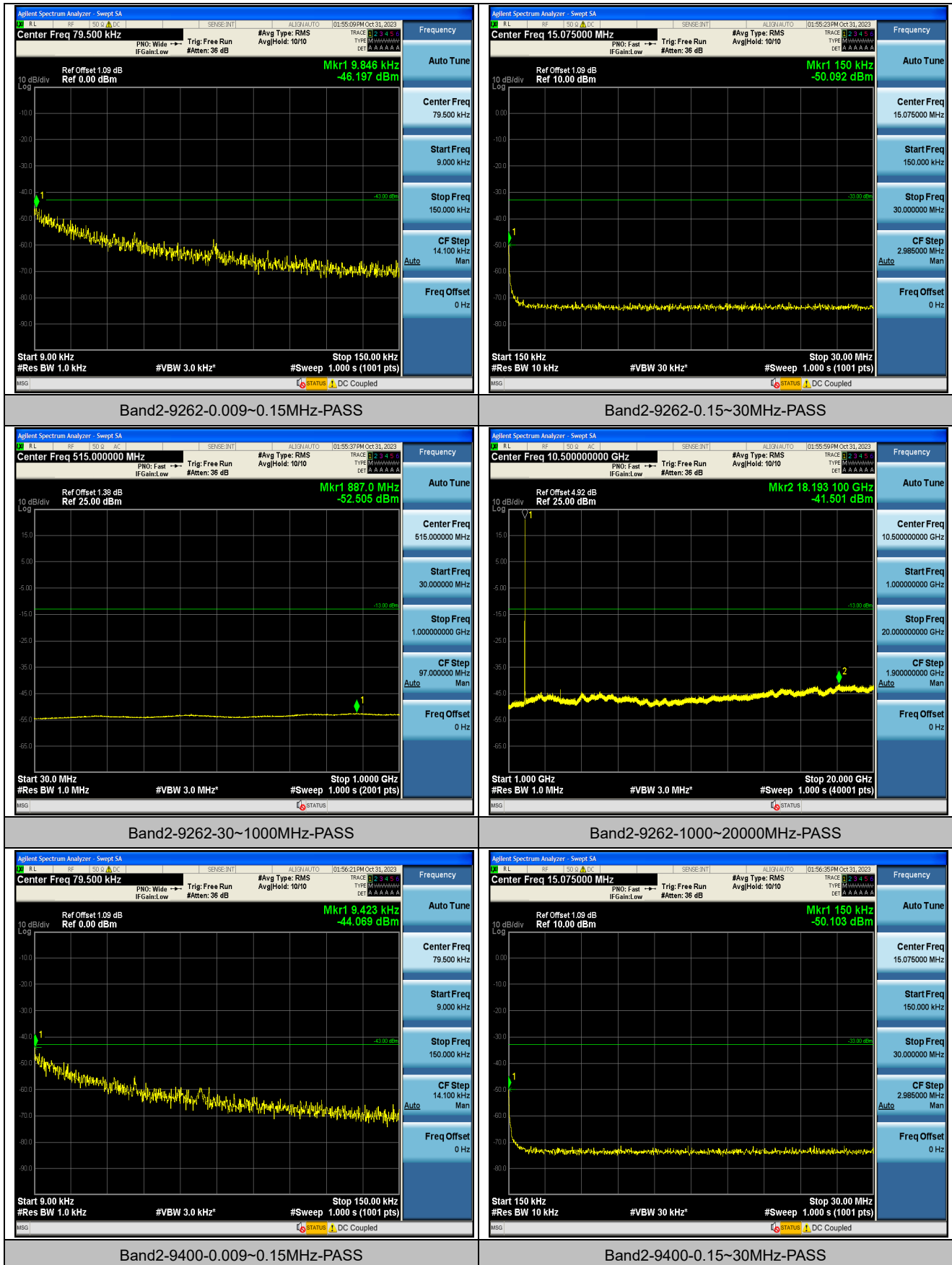
Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1850.00	-18.38	-13	PASS
Band2	9538	1910.00	-21.75	-13	PASS
Band4	1312	1709.87	-26.95	-13	PASS
Band4	1513	1755.09	-25.70	-13	PASS
Band5	4132	824.00	-26.65	-13	PASS
Band5	4233	849.00	-26.77	-13	PASS

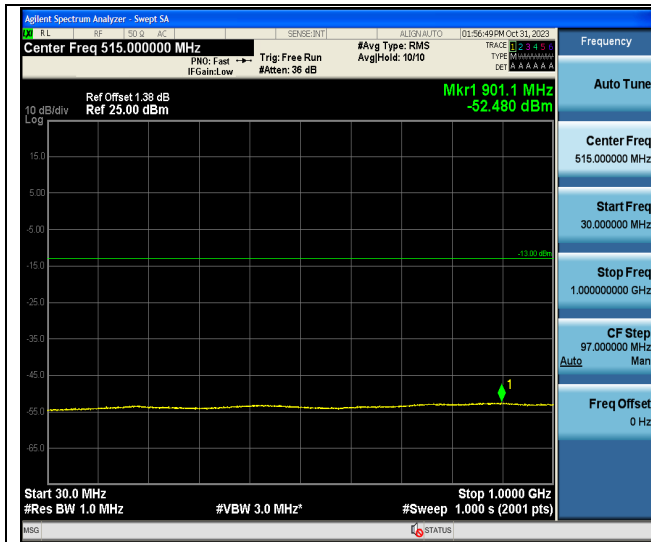
Test Graphs



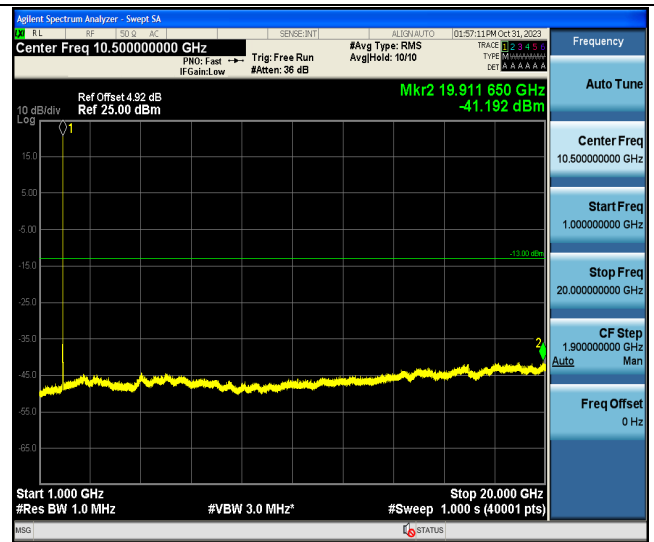
Conducted Spurious Emission

Test Graphs

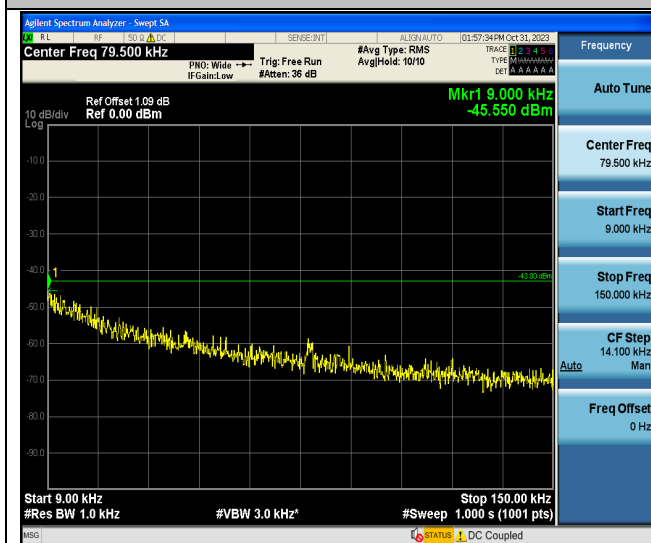




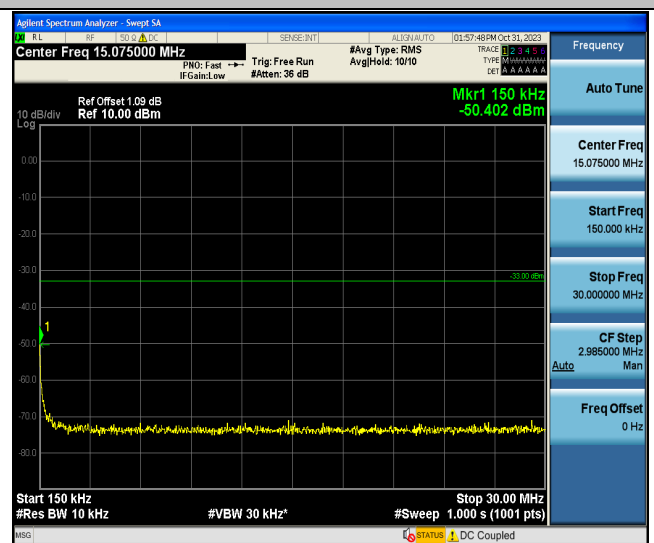
Band2-9400-30~1000MHz-PASS



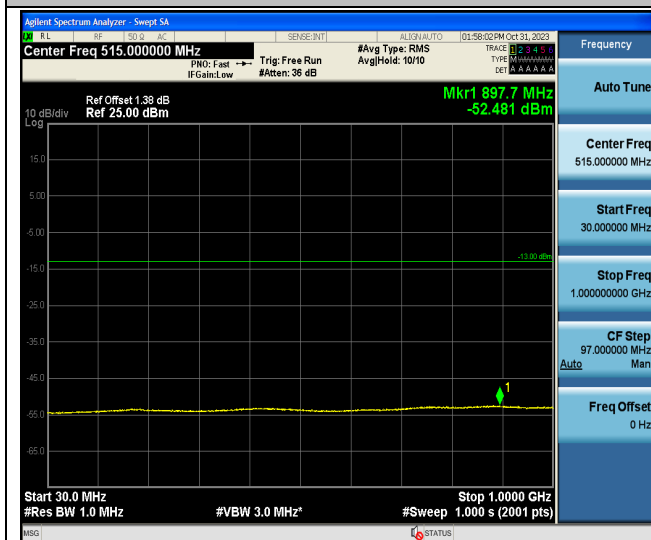
Band2-9400-1000~20000MHz-PASS



Band2-9538-0.009~0.15MHz-PASS



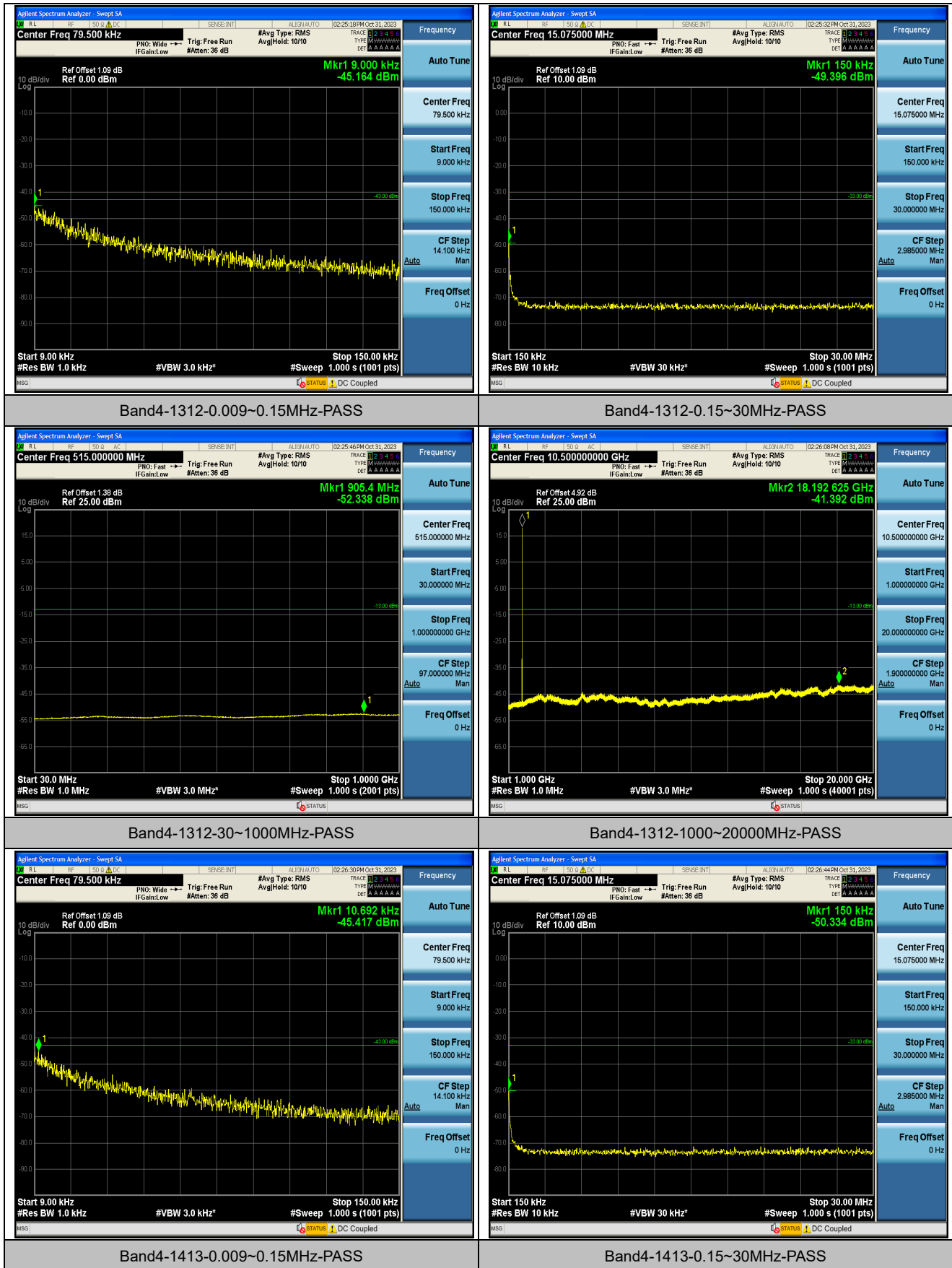
Band2-9538-0.15~30MHz-PASS

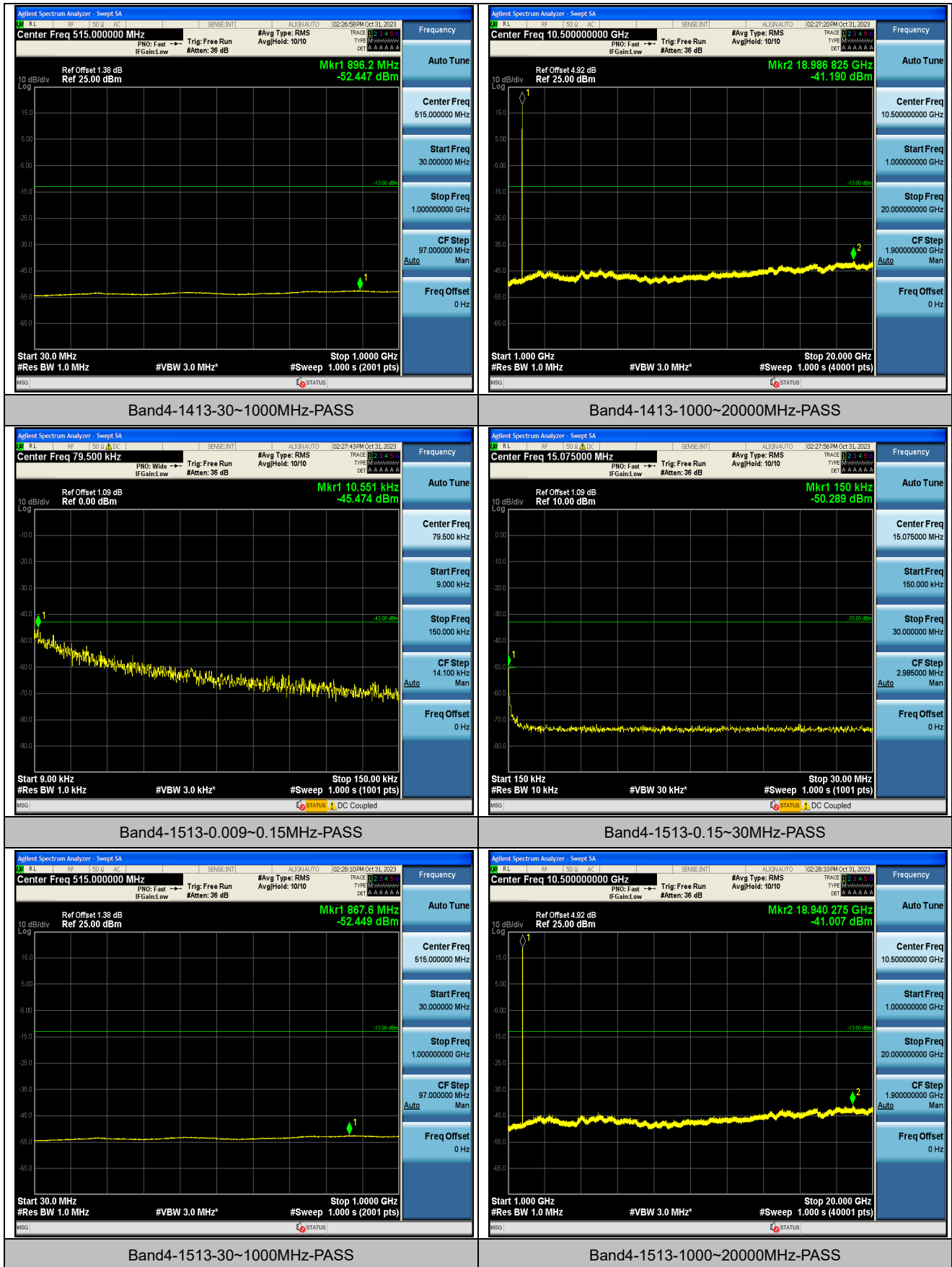


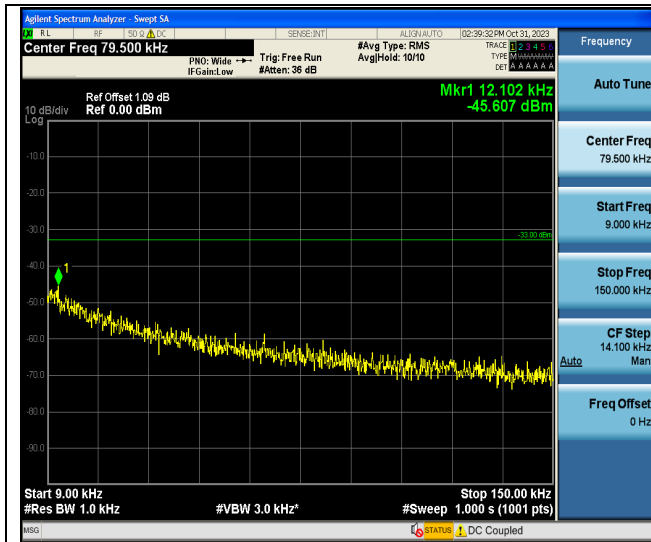
Band2-9538-30~1000MHz-PASS



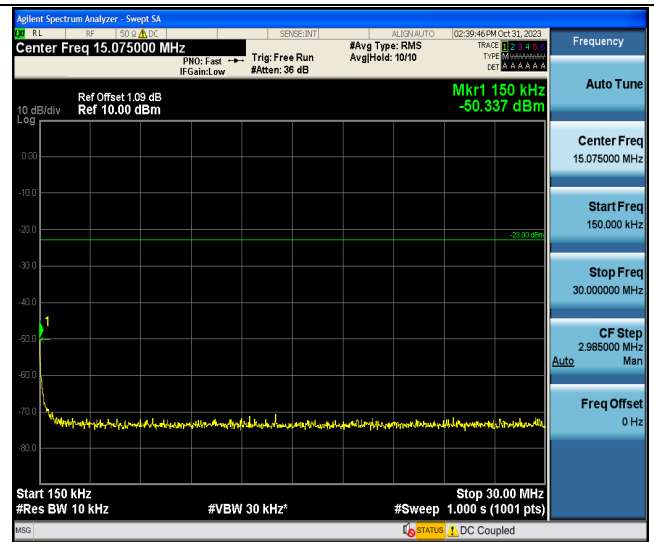
Band2-9538-1000~20000MHz-PASS



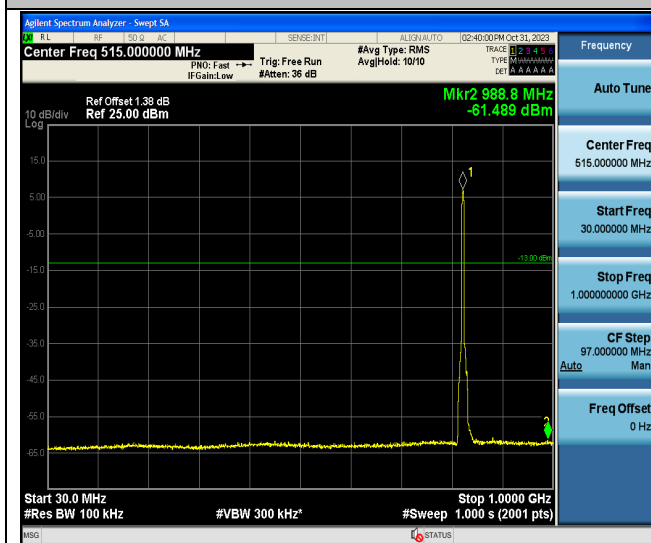




Band5-4132-0.009~0.15MHz-PASS



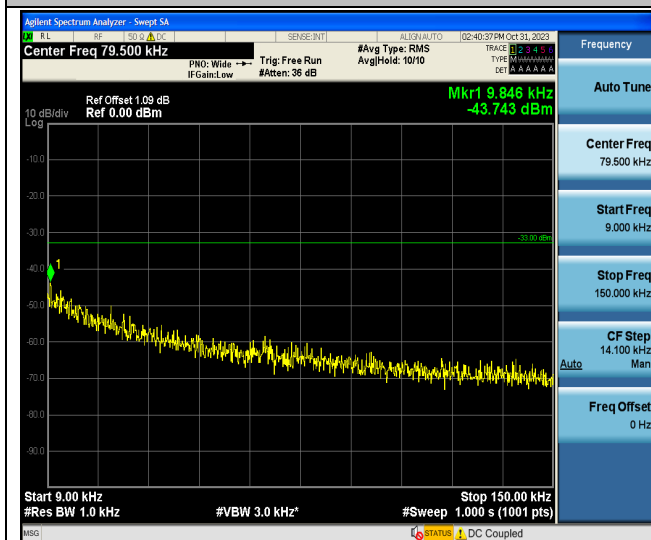
Band5-4132-0.15~30MHz-PASS



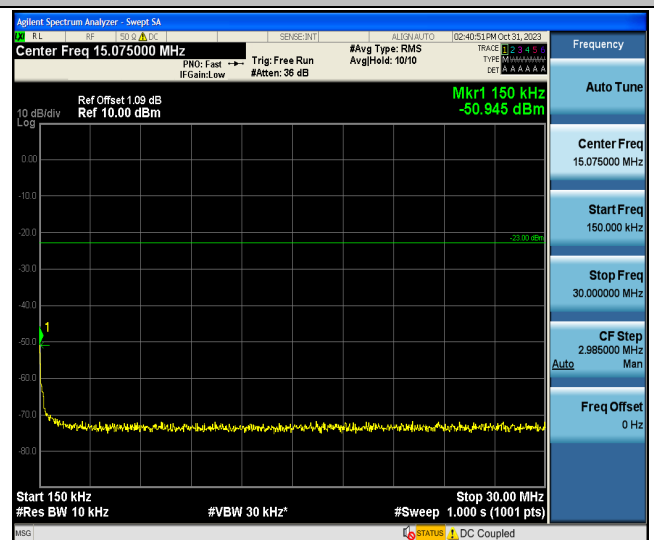
Band5-4132-30~1000MHz-PASS



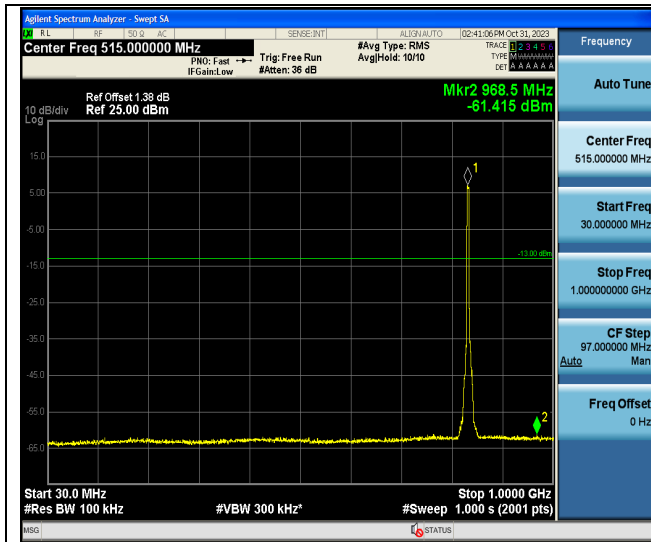
Band5-4132-1000~10000MHz-PASS



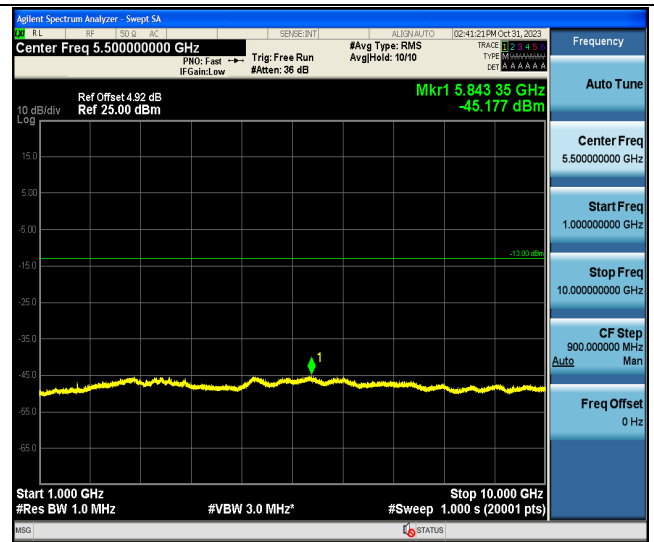
Band5-4182-0.009~0.15MHz-PASS



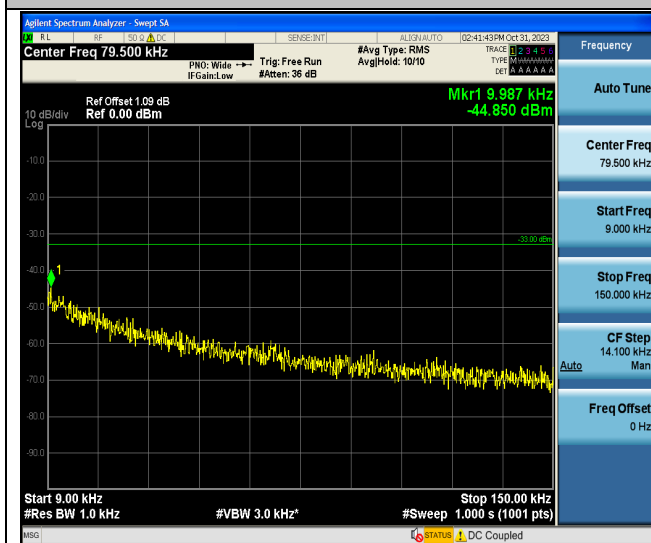
Band5-4182-0.15~30MHz-PASS



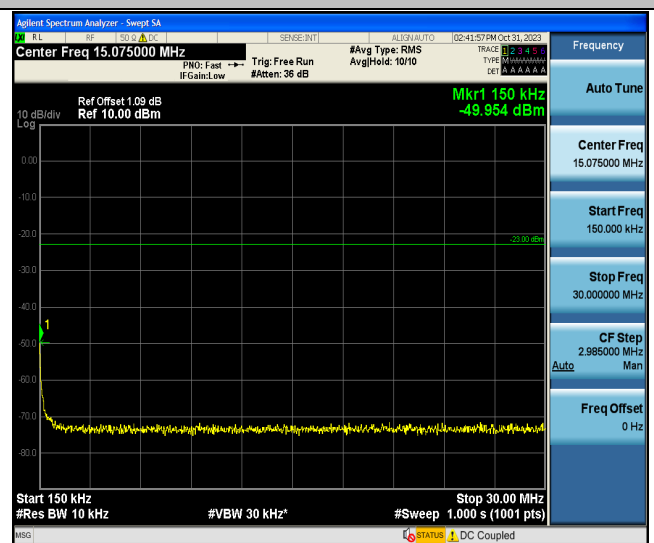
Band5-4182-30~1000MHz-PASS



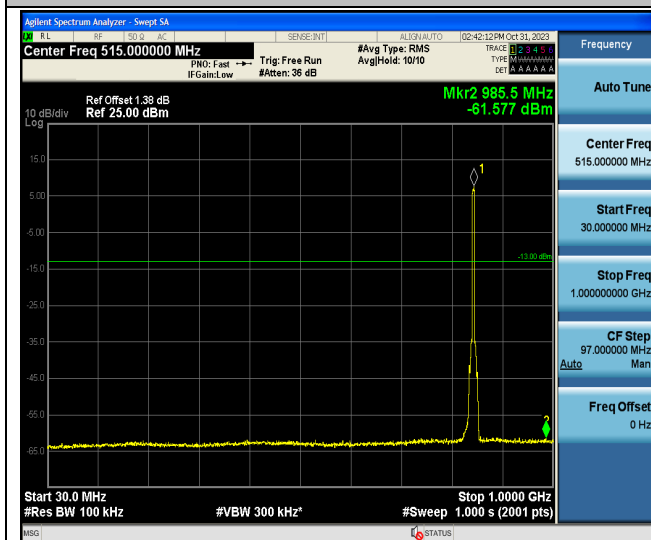
Band5-4182-1000~10000MHz-PASS



Band5-4233-0.009~0.15MHz-PASS



Band5-4233-0.15~30MHz-PASS



Band5-4233-30~1000MHz-PASS



Band5-4233-1000~10000MHz-PASS

Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9400	VN	NT	-1.25	-0.000665	±2.5	PASS
Band2	9400	VL	NT	-1.82	-0.000968	±2.5	PASS
Band2	9400	VH	NT	-1.42	-0.000755	±2.5	PASS
Band4	1413	VN	NT	-3.56	-0.002055	±2.5	PASS
Band4	1413	VL	NT	-3.15	-0.001818	±2.5	PASS
Band4	1413	VH	NT	-3.05	-0.001760	±2.5	PASS
Band5	4182	VN	NT	-3.45	-0.004125	±2.5	PASS
Band5	4182	VL	NT	-4.29	-0.005129	±2.5	PASS
Band5	4182	VH	NT	-3.88	-0.004639	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9400	NV	-30	-2.04	-0.001085	±2.5	PASS
Band2	9400	NV	-20	-3.76	-0.002000	±2.5	PASS
Band2	9400	NV	-10	-0.71	-0.000378	±2.5	PASS
Band2	9400	NV	0	-2.01	-0.001069	±2.5	PASS
Band2	9400	NV	10	-0.35	-0.000186	±2.5	PASS
Band2	9400	NV	20	-1.01	-0.000537	±2.5	PASS
Band2	9400	NV	30	0.36	0.000191	±2.5	PASS
Band2	9400	NV	40	-0.28	-0.000149	±2.5	PASS
Band2	9400	NV	50	-1.82	-0.000968	±2.5	PASS
Band4	1413	NV	-30	-3.97	-0.002291	±2.5	PASS
Band4	1413	NV	-20	-3.44	-0.001985	±2.5	PASS
Band4	1413	NV	-10	-4.46	-0.002574	±2.5	PASS
Band4	1413	NV	0	-3.76	-0.002170	±2.5	PASS
Band4	1413	NV	10	-4.72	-0.002724	±2.5	PASS
Band4	1413	NV	20	-3.59	-0.002072	±2.5	PASS
Band4	1413	NV	30	-4.33	-0.002499	±2.5	PASS
Band4	1413	NV	40	-4.05	-0.002338	±2.5	PASS
Band4	1413	NV	50	-3.23	-0.001864	±2.5	PASS
Band5	4182	NV	-30	-3.45	-0.004125	±2.5	PASS
Band5	4182	NV	-20	-2.47	-0.002953	±2.5	PASS
Band5	4182	NV	-10	-3.57	-0.004268	±2.5	PASS
Band5	4182	NV	0	-4.00	-0.004782	±2.5	PASS
Band5	4182	NV	10	-4.28	-0.005117	±2.5	PASS
Band5	4182	NV	20	-3.38	-0.004041	±2.5	PASS
Band5	4182	NV	30	-4.11	-0.004914	±2.5	PASS

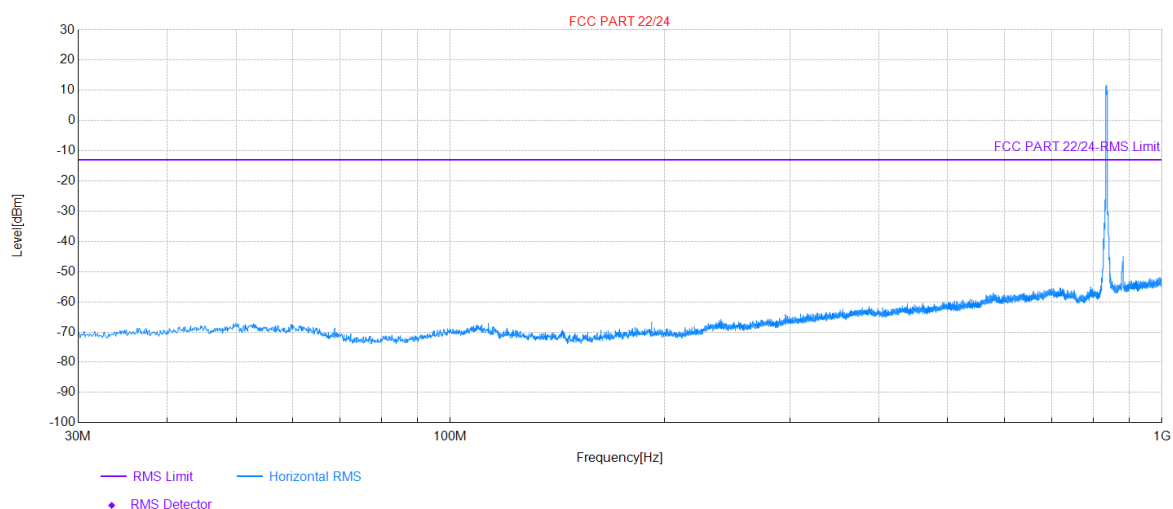
Band5	4182	NV	40	-4.46	-0.005332	±2.5	PASS
Band5	4182	NV	50	-3.90	-0.004663	±2.5	PASS

Field Strength of Spurious Radiation

Below 1GHz

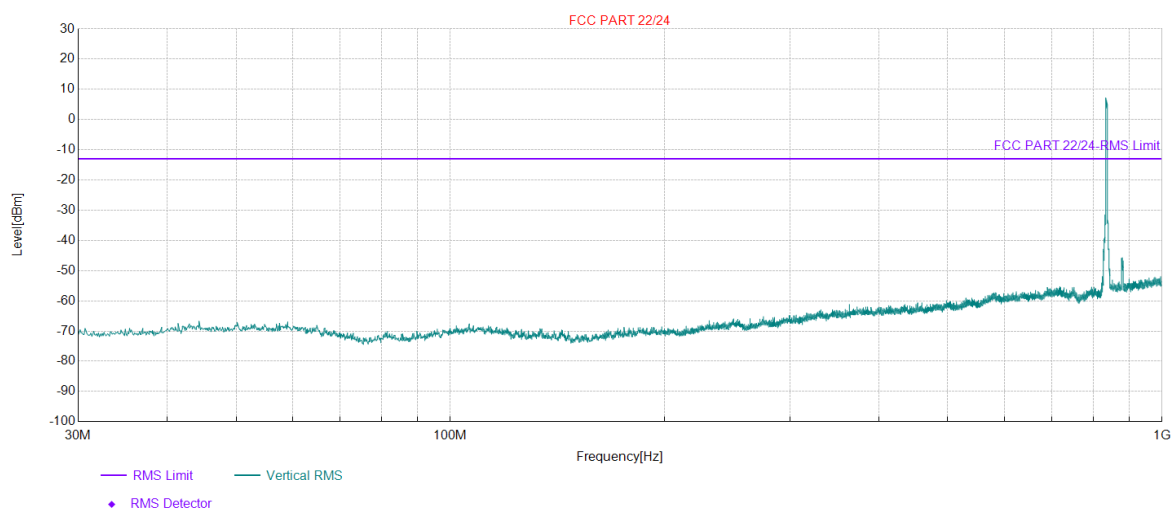
Project Information			
Mode:	WCDMA	Band:	Band V
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Mid	Engineer:	欧树炎
Test Standard: FCC PART 22/24			

Test Graph



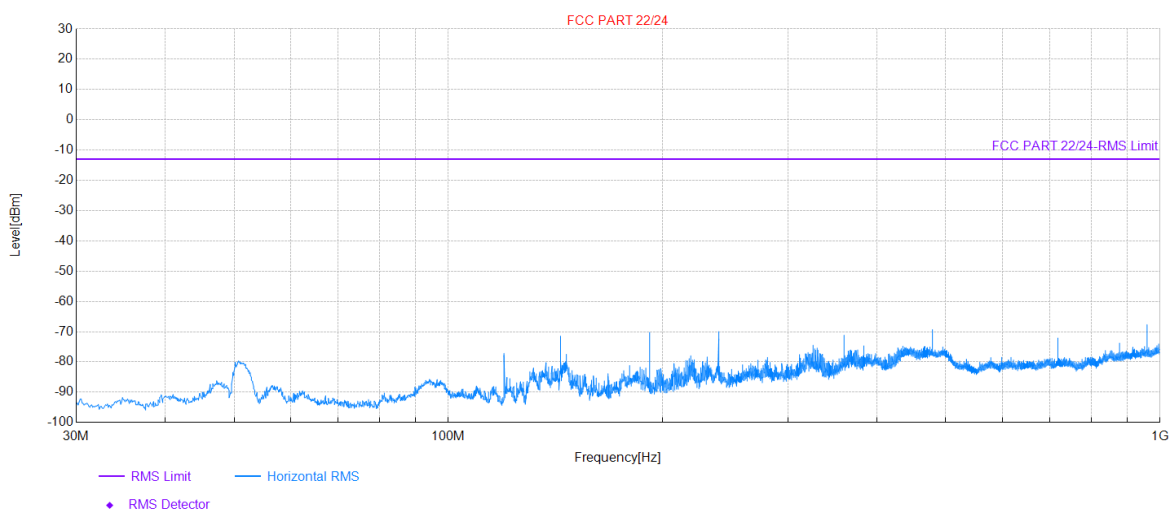
Project Information			
Mode:	WCDMA	Band:	Band V
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Mid	Engineer:	欧树炎
Test Standard: FCC PART 22/24			

Test Graph



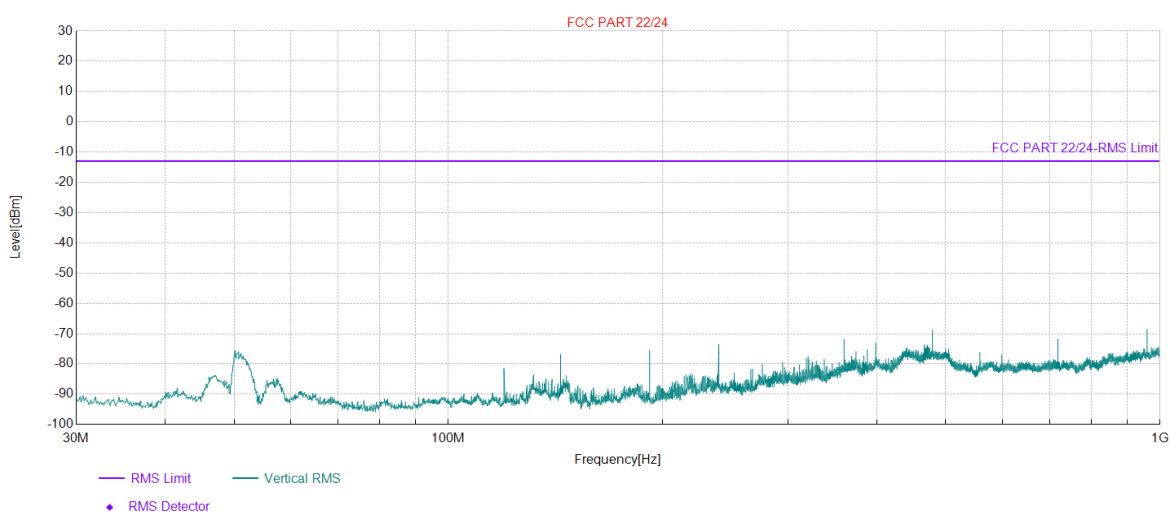
Project Information			
Mode:	WCDMA	Band:	Band II
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Mid	Engineer:	欧树炎
Test Standard: FCC PART 22/24			

Test Graph



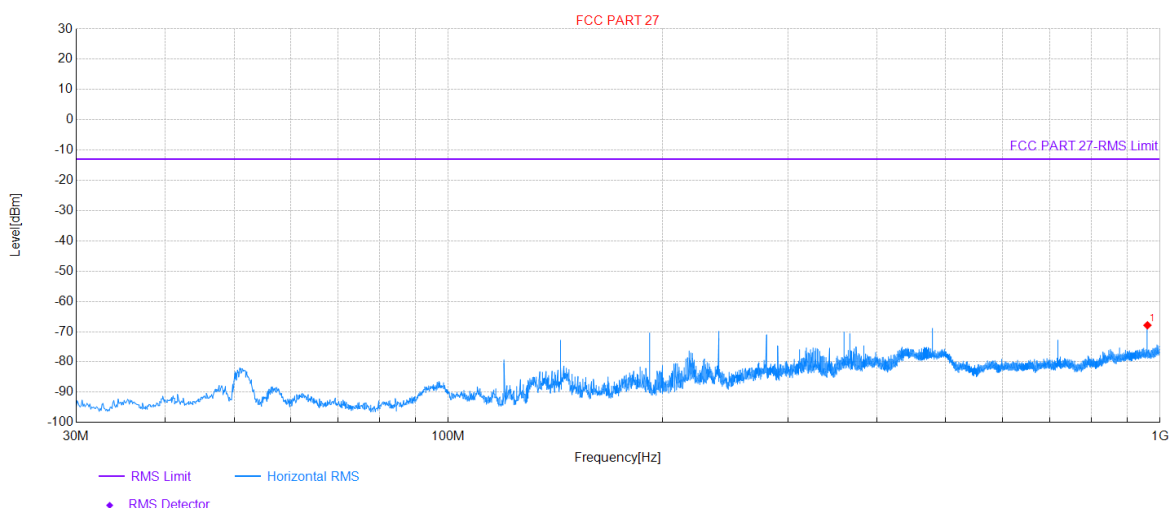
Project Information			
Mode:	WCDMA	Band:	Band II
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Mid	Engineer:	欧树炎
Test Standard: FCC PART 22/24			

Test Graph



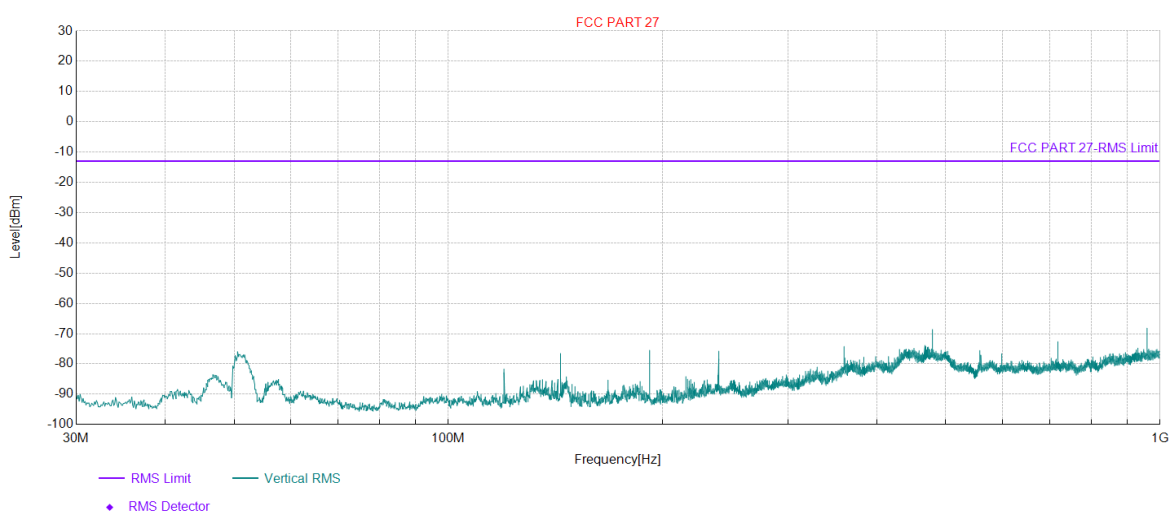
Project Information			
Mode:	WCDMA	Band:	Band IV
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Mid	Engineer:	欧树炎
Test Standard: FCC PART 27			

Test Graph



Project Information			
Mode:	WCDMA	Band:	Band IV
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Mid	Engineer:	欧树炎
Test Standard: FCC PART 27			

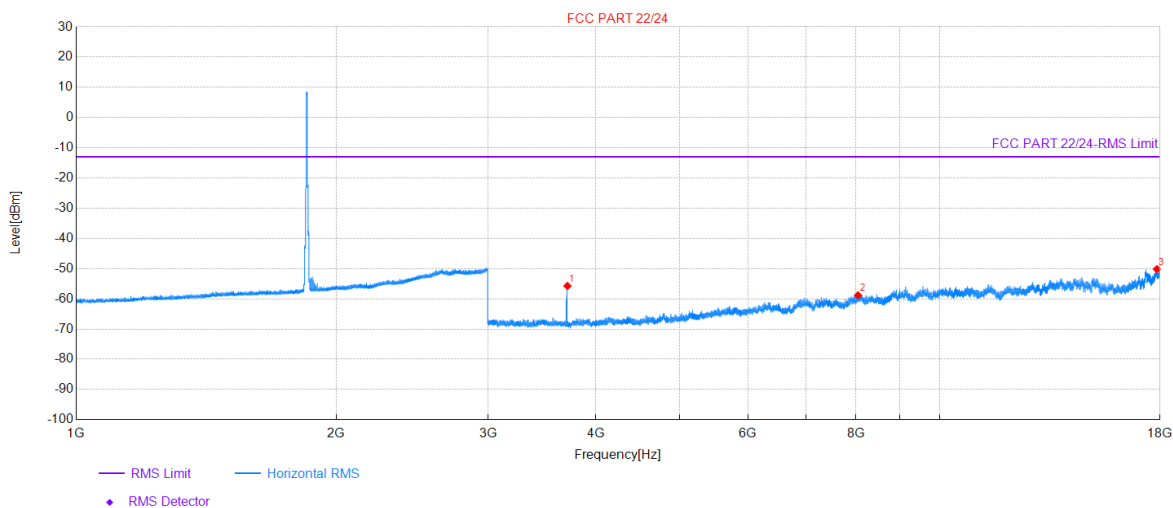
Test Graph



Above 1GHz

Project Information			
Mode:	WCDMA	Band:	Band II
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Low	Engineer:	欧树炎
Test Standard: FCC PART 22/24			

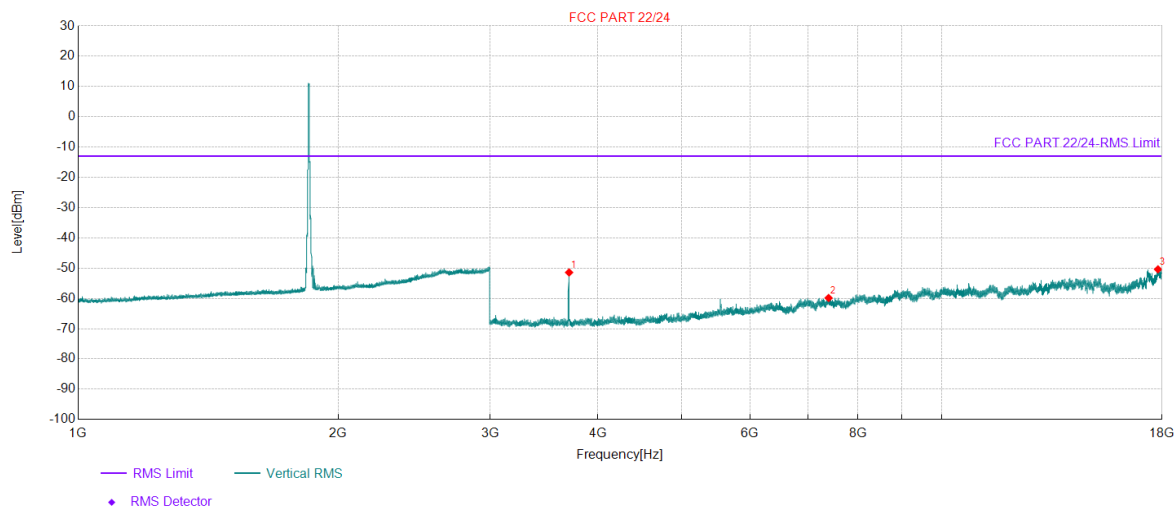
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3706.5	51.77	-107.50	-55.73	-13.00	42.73	156	89	RMS	Horizontal	PASS
2	8044	36.49	-95.32	-58.83	-13.00	45.83	/	/	RMS	Horizontal	PASS
3	17848	31.71	-81.87	-50.16	-13.00	37.16	/	/	RMS	Horizontal	PASS

Project Information			
Mode:	WCDMA	Band:	Band II
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Low	Engineer:	欧树炎
Test Standard: FCC PART 22/24			

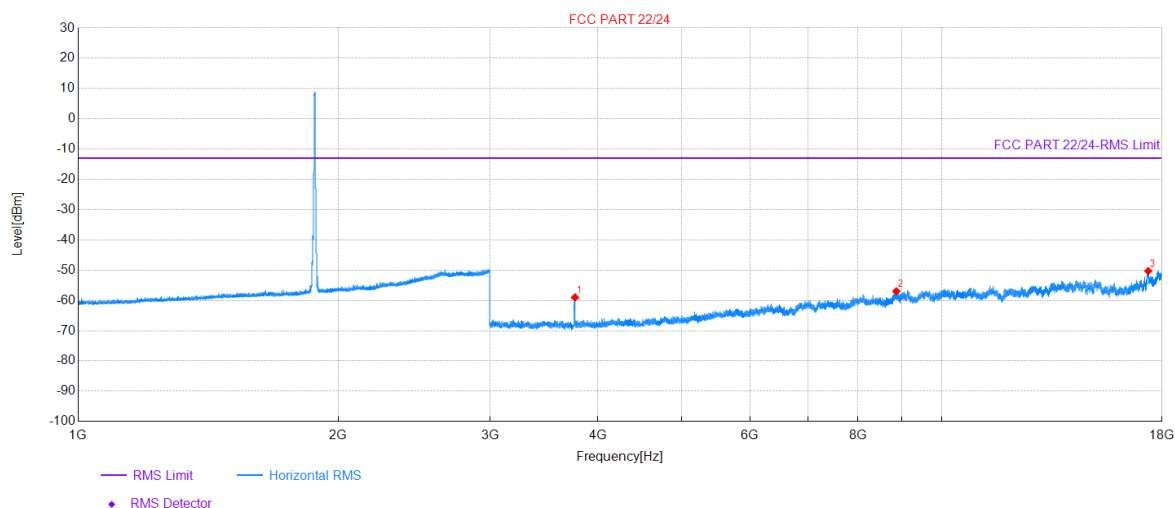
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3703.5	56.08	-107.50	-51.42	-13.00	38.42	143	64	RMS	Vertical	PASS
2	7398	36.44	-96.29	-59.85	-13.00	46.85	/	/	RMS	Vertical	PASS
3	17806	32.10	-82.48	-50.38	-13.00	37.38	/	/	RMS	Vertical	PASS

Project Information			
Mode:	WCDMA	Band:	Band II
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Mid	Engineer:	欧树炎
Test Standard: FCC PART 22/24			

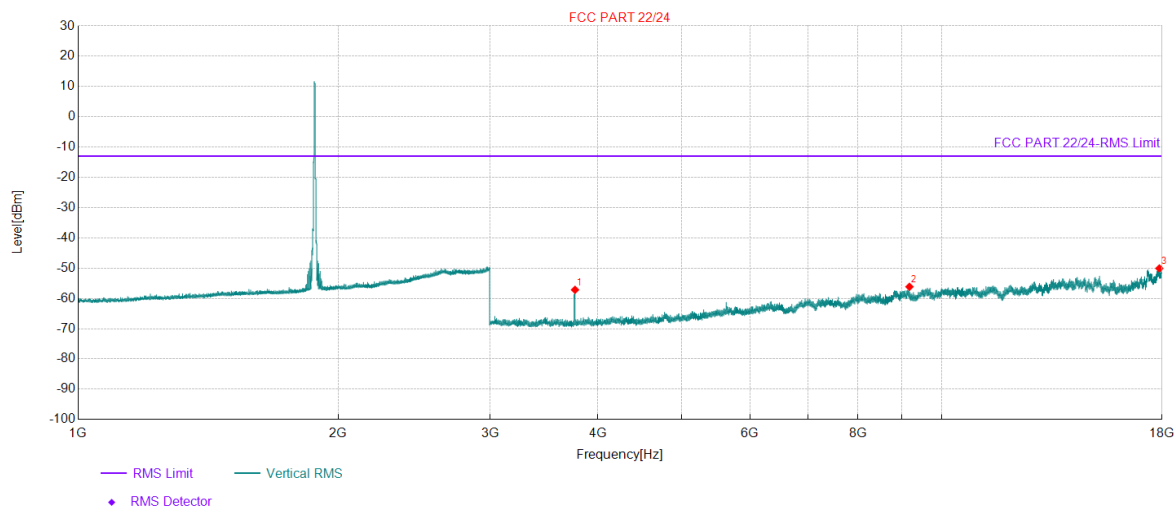
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3762	48.21	-107.22	-59.01	-13.00	46.01	152	86	RMS	Horizontal	PASS
2	8861.5	35.78	-92.76	-56.98	-13.00	43.98	/	/	RMS	Horizontal	PASS
3	17347.5	32.23	-82.51	-50.28	-13.00	37.28	/	/	RMS	Horizontal	PASS

Project Information			
Mode:	WCDMA	Band:	Band II
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Mid	Engineer:	欧树炎
Test Standard: FCC PART 22/24			

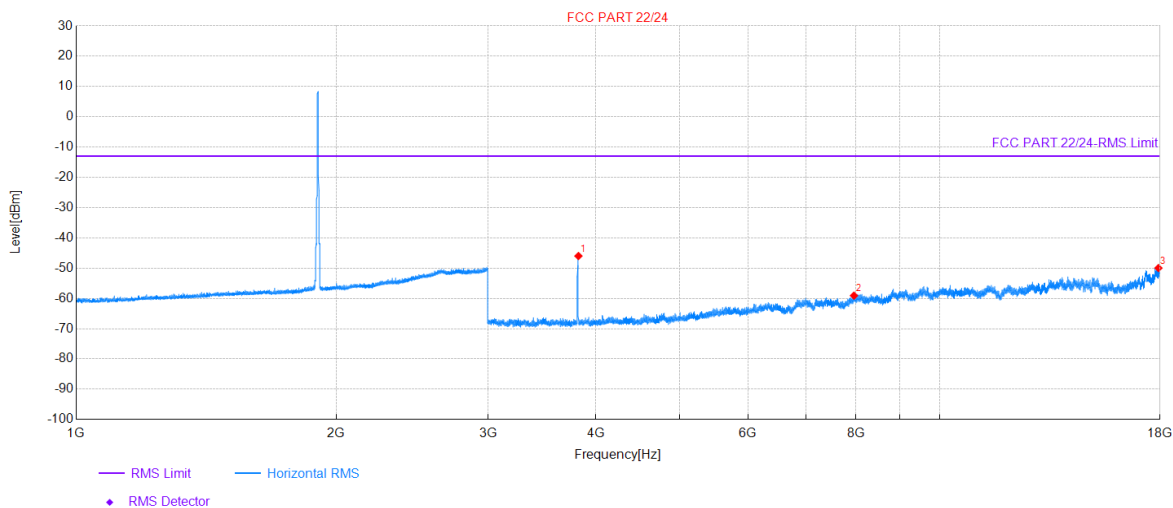
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3762	50.07	-107.22	-57.15	-13.00	44.15	148	74	RMS	Vertical	PASS
2	9178.5	36.12	-92.27	-56.15	-13.00	43.15	/	/	RMS	Vertical	PASS
3	17872	32.01	-82.10	-50.09	-13.00	37.09	/	/	RMS	Vertical	PASS

Project Information			
Mode:	WCDMA	Band:	Band II
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Hight	Engineer:	欧树炎
Test Standard: FCC PART 22/24			

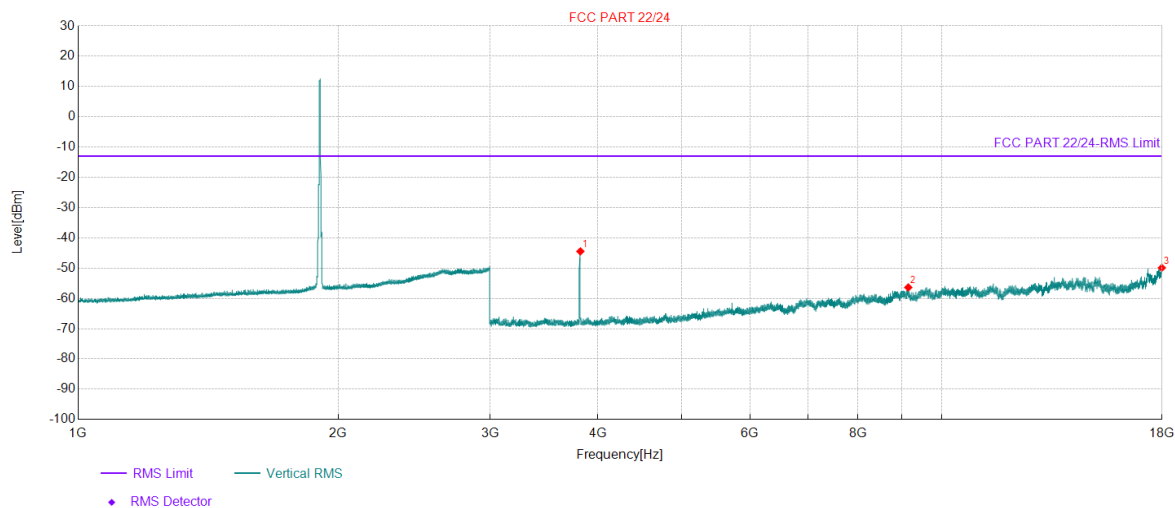
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3817	60.59	-106.57	-45.98	-13.00	32.98	156	328	RMS	Horizontal	PASS
2	7958	36.24	-95.32	-59.08	-13.00	46.08	/	/	RMS	Horizontal	PASS
3	17924.5	32.49	-82.45	-49.96	-13.00	36.96	/	/	RMS	Horizontal	PASS

Project Information			
Mode:	WCDMA	Band:	Band II
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Hight	Engineer:	欧树炎
Test Standard: FCC PART 22/24			

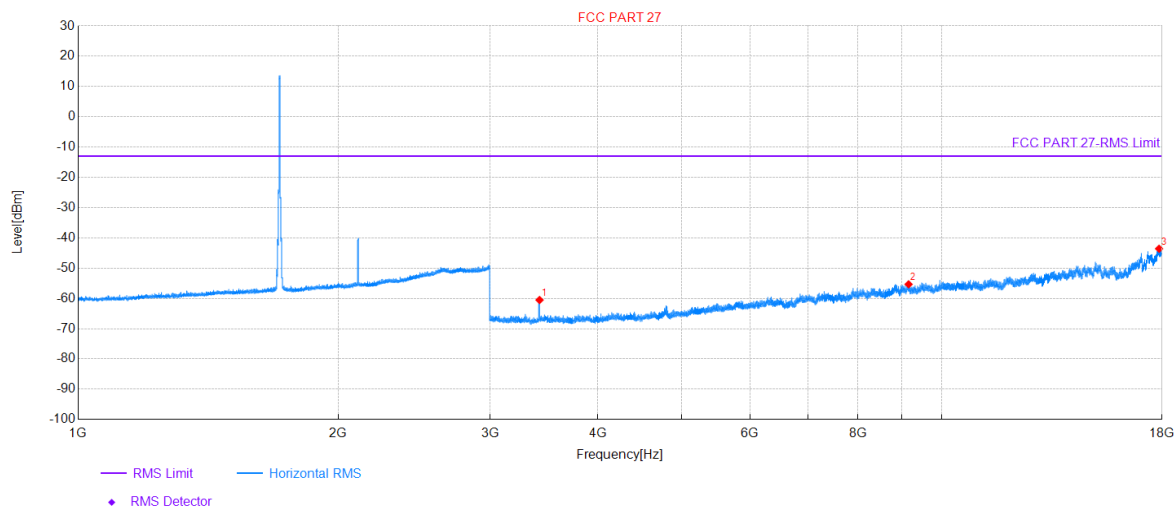
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3816.5	62.12	-106.57	-44.45	-13.00	31.45	153	22	RMS	Vertical	PASS
2	9149	35.65	-92.02	-56.37	-13.00	43.37	/	/	RMS	Vertical	PASS
3	17989.5	32.05	-81.95	-49.90	-13.00	36.90	/	/	RMS	Vertical	PASS

Project Information			
Mode:	WCDMA	Band:	Band IV
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Low	Engineer:	欧树炎
Test Standard: FCC PART 27			

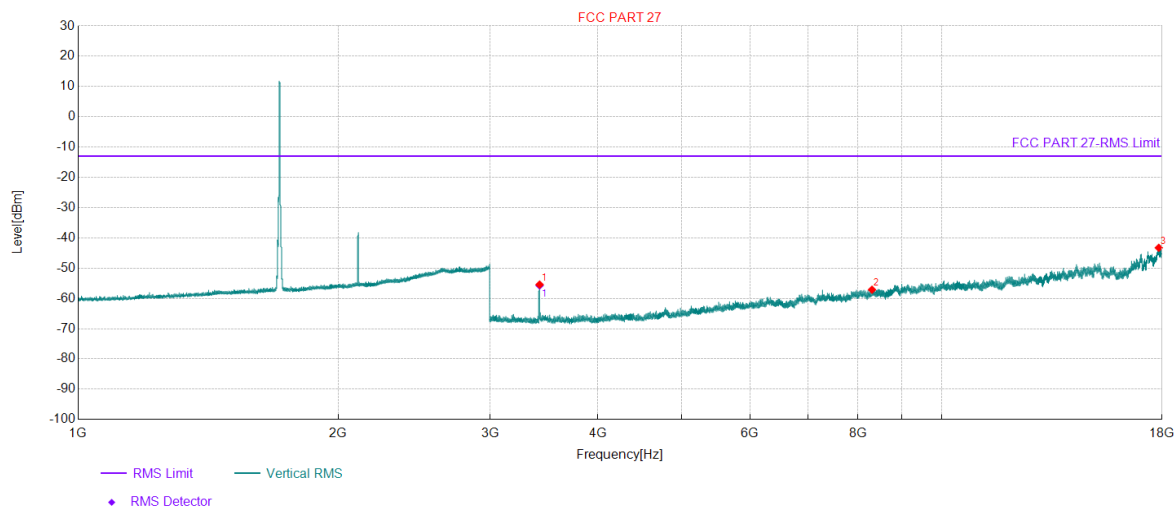
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3422.5	47.00	-107.52	-60.52	-13.00	47.52	159	173	RMS	Horizontal	PASS
2	9157.5	36.73	-92.06	-55.33	-13.00	42.33	/	/	RMS	Horizontal	PASS
3	17859	38.36	-81.94	-43.58	-13.00	30.58	/	/	RMS	Horizontal	PASS

Project Information			
Mode:	WCDMA	Band:	Band IV
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Low	Engineer:	欧树炎
Test Standard: FCC PART 27			

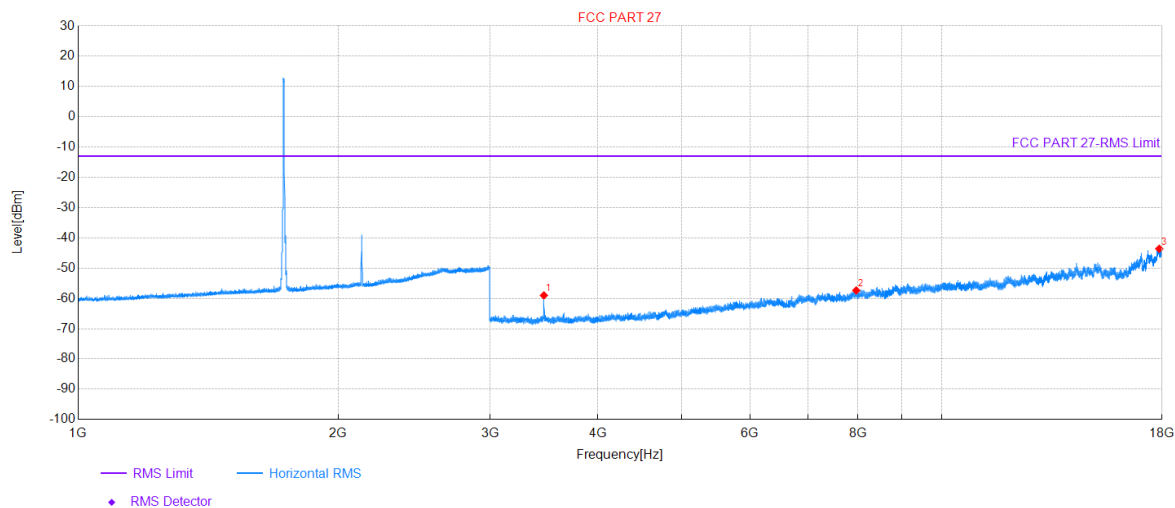
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3423	52.10	-107.53	-55.43	-13.00	42.43	136	94	RMS	Vertical	PASS
2	8305.5	37.43	-94.55	-57.12	-13.00	44.12	/	/	RMS	Vertical	PASS
3	17845.5	38.63	-81.91	-43.28	-13.00	30.28	/	/	RMS	Vertical	PASS

Project Information			
Mode:	WCDMA	Band:	Band IV
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Mid	Engineer:	欧树炎
Test Standard: FCC PART 27			

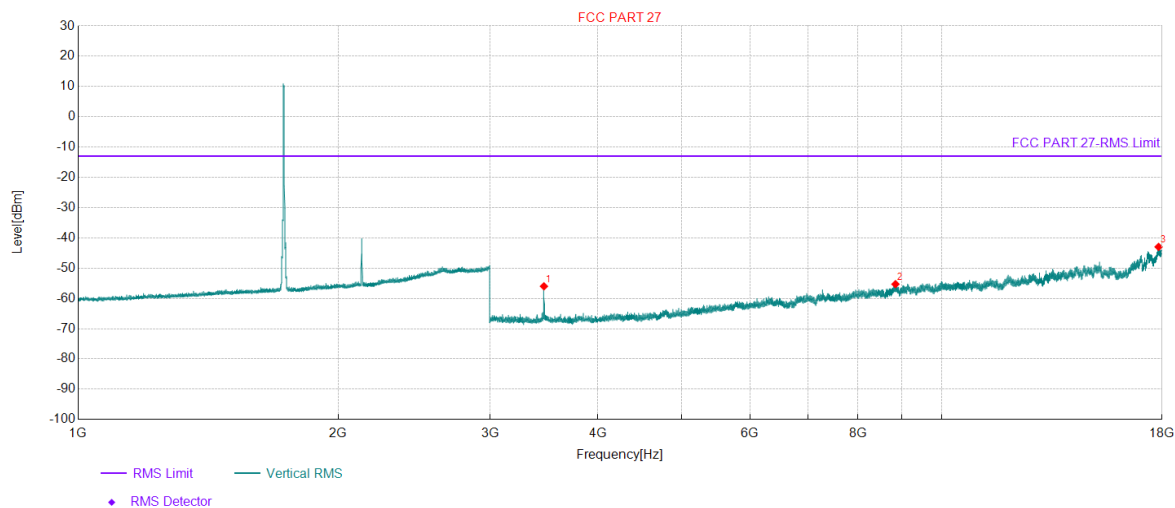
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3462.5	48.21	-107.20	-58.99	-13.00	45.99	148	175	RMS	Horizontal	PASS
2	7964	37.97	-95.34	-57.37	-13.00	44.37	/	/	RMS	Horizontal	PASS
3	17866.5	38.46	-82.04	-43.58	-13.00	30.58	/	/	RMS	Horizontal	PASS

Project Information			
Mode:	WCDMA	Band:	Band IV
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Mid	Engineer:	欧树炎
Test Standard: FCC PART 27			

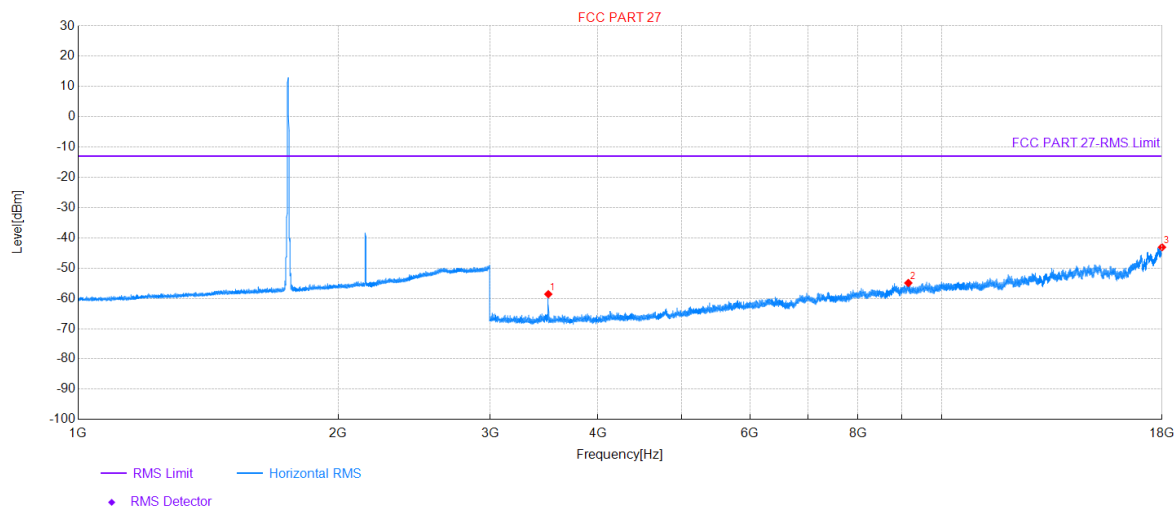
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3463	51.20	-107.20	-56.00	-13.00	43.00	157	81	RMS	Vertical	PASS
2	8842	37.36	-92.64	-55.28	-13.00	42.28	/	/	RMS	Vertical	PASS
3	17835	39.09	-82.06	-42.97	-13.00	29.97	/	/	RMS	Vertical	PASS

Project Information			
Mode:	WCDMA	Band:	Band IV
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Hight	Engineer:	欧树炎
Test Standard: FCC PART 27			

Test Graph

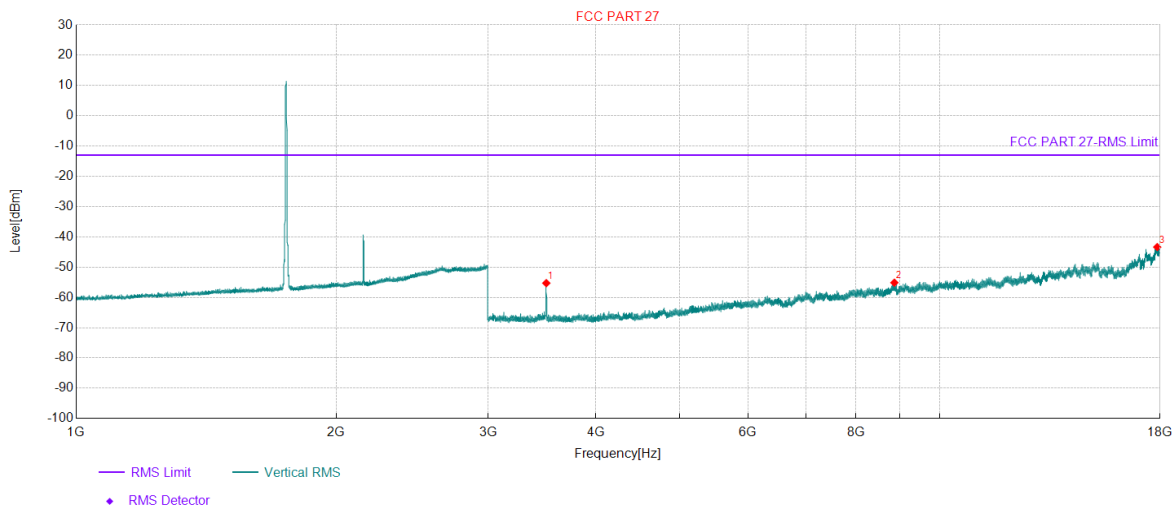


Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3503.5	48.42	-107.01	-58.59	-13.00	45.59	139	181	RMS	Horizontal	PASS
2	9151	37.11	-92.01	-54.90	-13.00	41.90	/	/	RMS	Horizontal	PASS
3	17998.5	38.74	-81.83	-43.09	-13.00	30.09	/	/	RMS	Horizontal	PASS

Project Information			
Mode:	WCDMA	Band:	Band IV
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Hight	Engineer:	欧树炎
Test Standard: FCC PART 27			

Start of Test: 2023-11-08 21:48:44

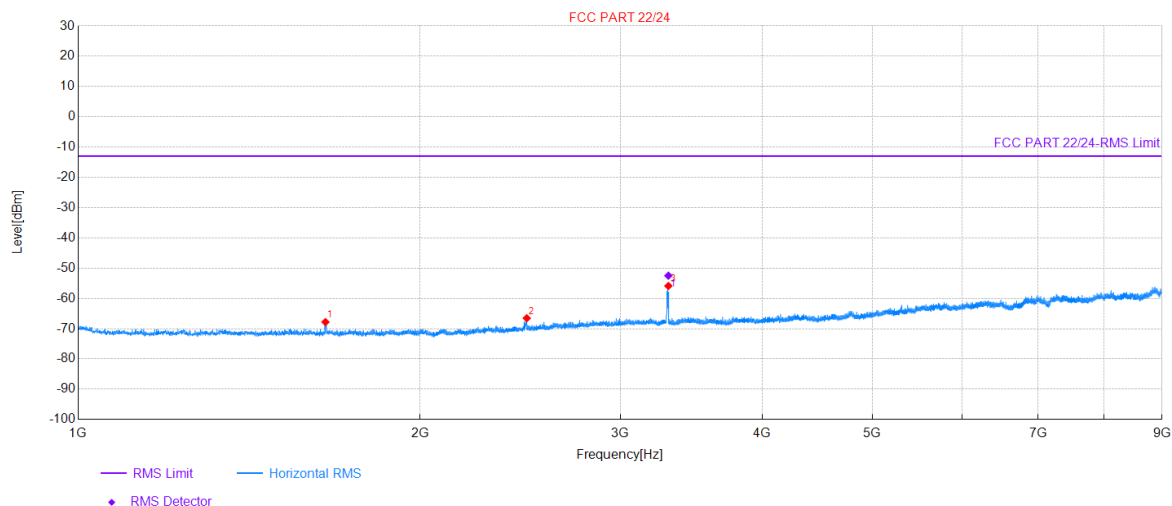
Test Graph



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3503.5	51.73	-107.01	-55.28	-13.00	42.28	162	95	RMS	Vertical	PASS
2	8863.5	37.68	-92.80	-55.12	-13.00	42.12	/	/	RMS	Vertical	PASS
3	17865.5	38.66	-82.02	-43.36	-13.00	30.36	/	/	RMS	Vertical	PASS

Project Information			
Mode:	WCDMA	Band:	Band V
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Low	Engineer:	欧树炎
Test Standard: FCC PART 22/24			

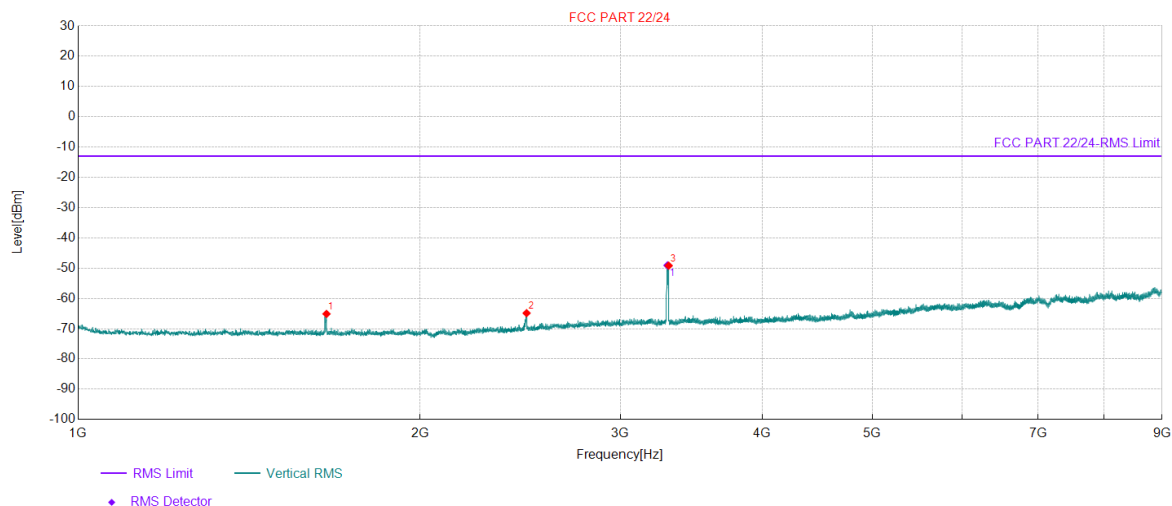
Test Graph



Suspected Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1650.832542	46.28	-114.08	-67.80	-13.00	54.80	142	174	RMS	Horizontal	PASS
2	2482.874144	44.77	-111.30	-66.53	-13.00	53.53	158	189	RMS	Horizontal	PASS
3	3308.515426	52.33	-108.21	-55.88	-13.00	42.88	152	323	RMS	Horizontal	PASS

Project Information			
Mode:	WCDMA	Band:	Band V
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Low	Engineer:	欧树炎
Test Standard: FCC PART 22/24			

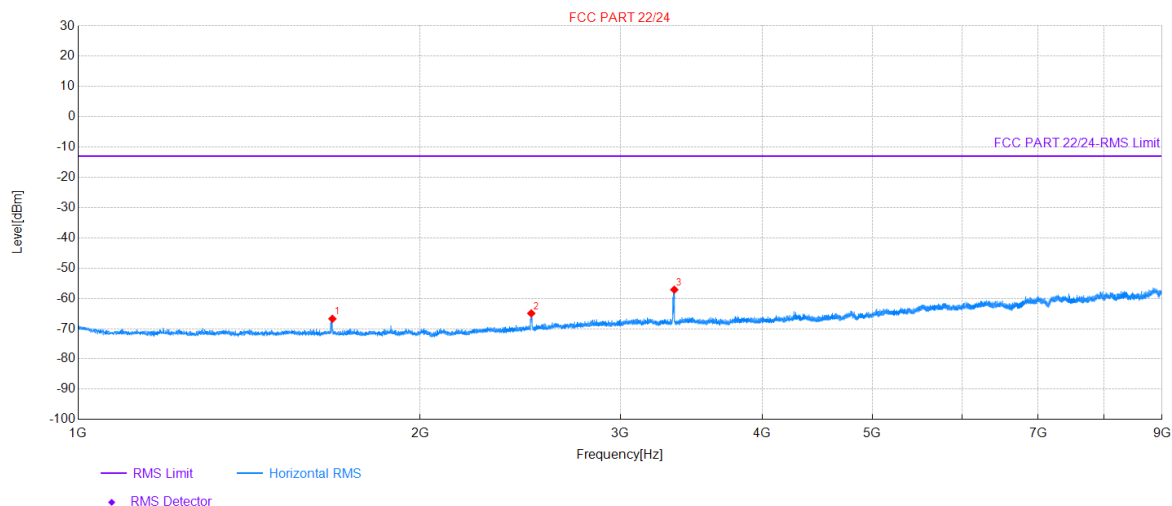
Test Graph



Suspected Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1654.432722	48.98	-114.09	-65.11	-13.00	52.11	142	239	RMS	Vertical	PASS
2	2482.074104	46.43	-111.29	-64.86	-13.00	51.86	138	122	RMS	Vertical	PASS
3	3310.515526	59.04	-108.21	-49.17	-13.00	36.17	157	97	RMS	Vertical	PASS

Project Information			
Mode:	WCDMA	Band:	Band V
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Mid	Engineer:	欧树炎
Test Standard: FCC PART 22/24			

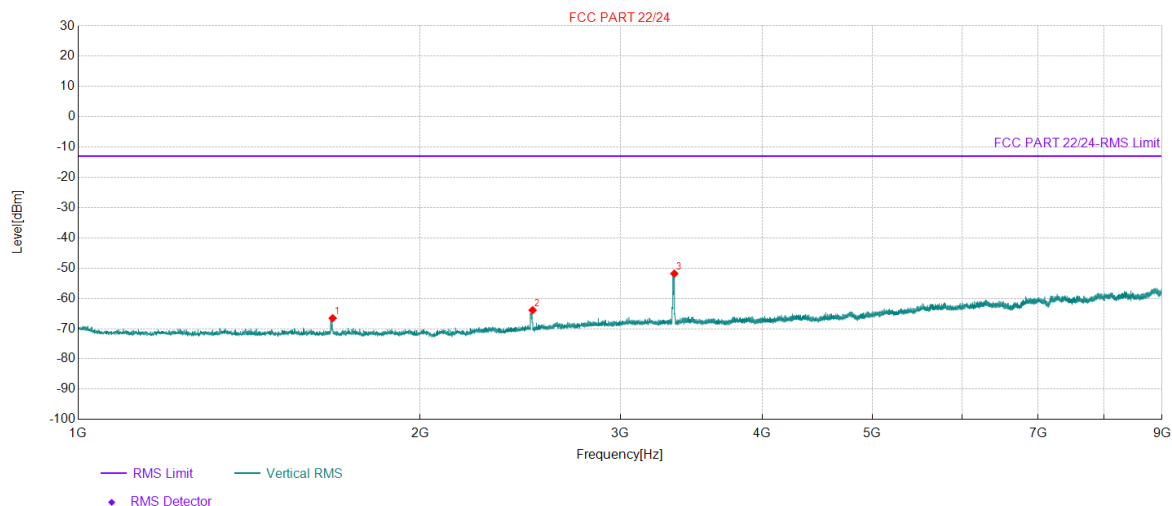
Test Graph



Suspected Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1674.433722	47.41	-114.14	-66.73	-13.00	53.73	150	166	RMS	Horizontal	PASS
2	2505.675284	46.44	-111.38	-64.94	-13.00	51.94	146	351	RMS	Horizontal	PASS
3	3348.517426	51.26	-108.38	-57.12	-13.00	44.12	154	319	RMS	Horizontal	PASS

Project Information			
Mode:	WCDMA	Band:	Band V
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Mid	Engineer:	欧树炎
Test Standard: FCC PART 22/24			

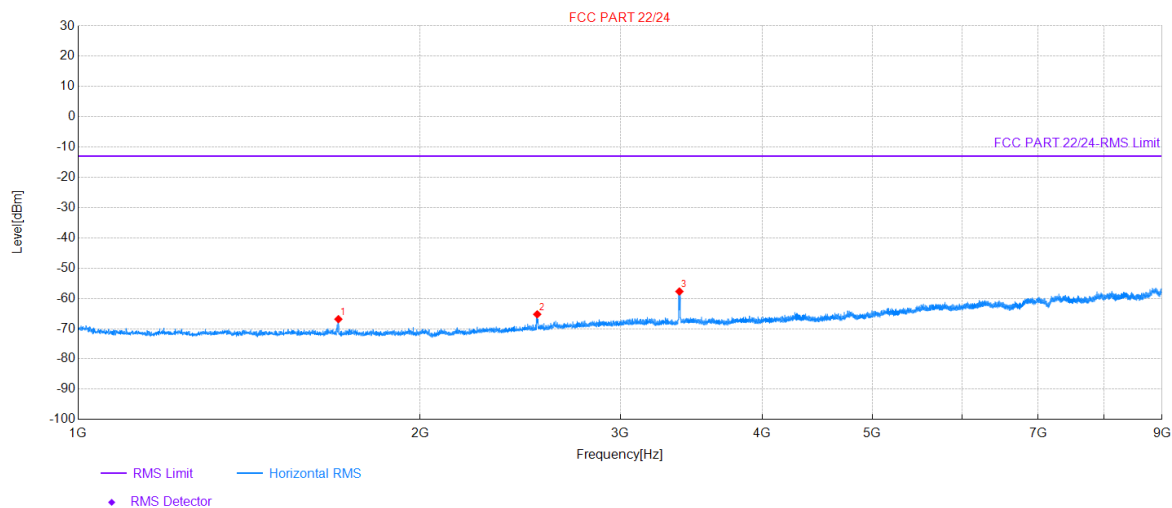
Test Graph



Suspected Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1675.233762	47.62	-114.15	-66.53	-13.00	53.53	152	222	RMS	Vertical	PASS
2	2512.475624	47.48	-111.36	-63.88	-13.00	50.88	154	305	RMS	Vertical	PASS
3	3348.517426	56.59	-108.38	-51.79	-13.00	38.79	143	98	RMS	Vertical	PASS

Project Information			
Mode:	WCDMA	Band:	Band V
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Hight	Engineer:	欧树炎
Test Standard: FCC PART 22/24			

Test Graph

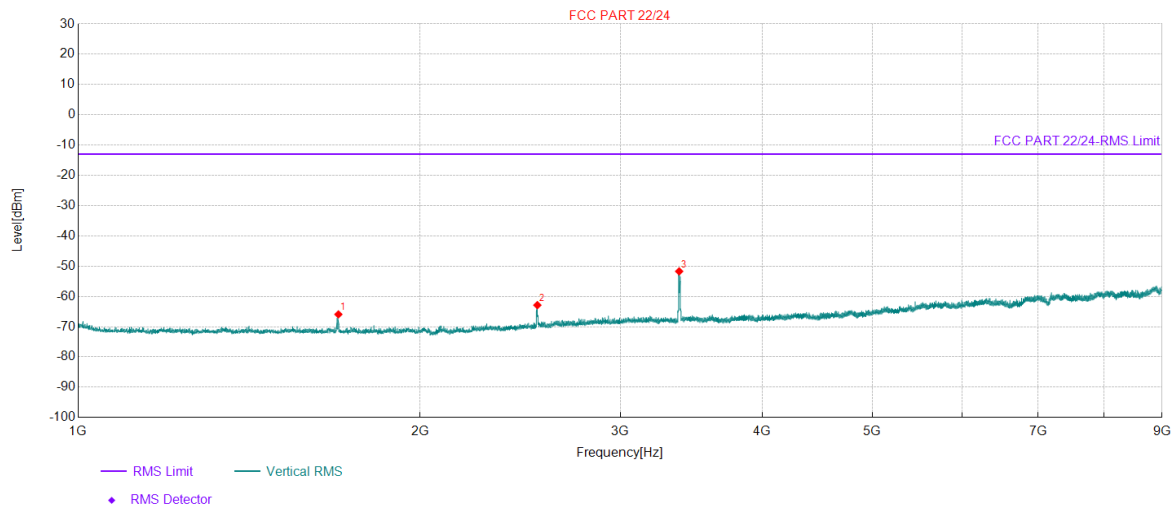


Suspected Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1694.834	47.35	-114.20	-66.85	-13.00	53.85	164	176	RMS	Horizontal	PASS
2	2536.076	46.02	-111.26	-65.24	-13.00	52.24	158	151	RMS	Horizontal	PASS
3	3383.319	50.10	-107.80	-57.70	-13.00	44.70	173	323	RMS	Horizontal	PASS

Project Information			
Mode:	WCDMA	Band:	Band V
Bandwidth:	/	SN:	BFW6PTGTH6
Channel:	Hight	Engineer:	欧树炎
Test Standard: FCC PART 22/24			

Test Graph



Suspected Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1694.834742	48.27	-114.20	-65.93	-13.00	52.93	142	278	RMS	Vertical	PASS
2	2536.876844	48.38	-111.26	-62.88	-13.00	49.88	158	235	RMS	Vertical	PASS
3	3381.719086	56.10	-107.82	-51.72	-13.00	38.72	149	69	RMS	Vertical	PASS