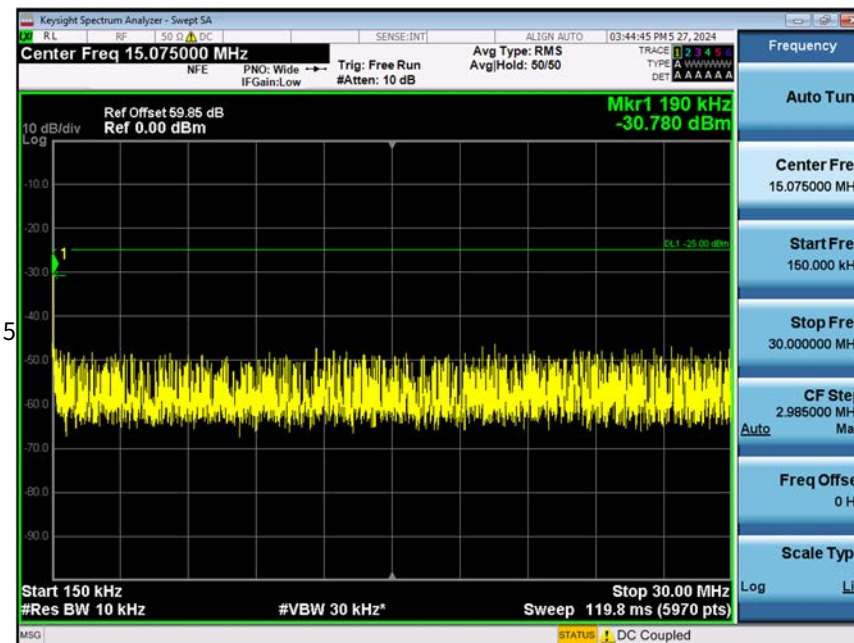


774.95 MHz

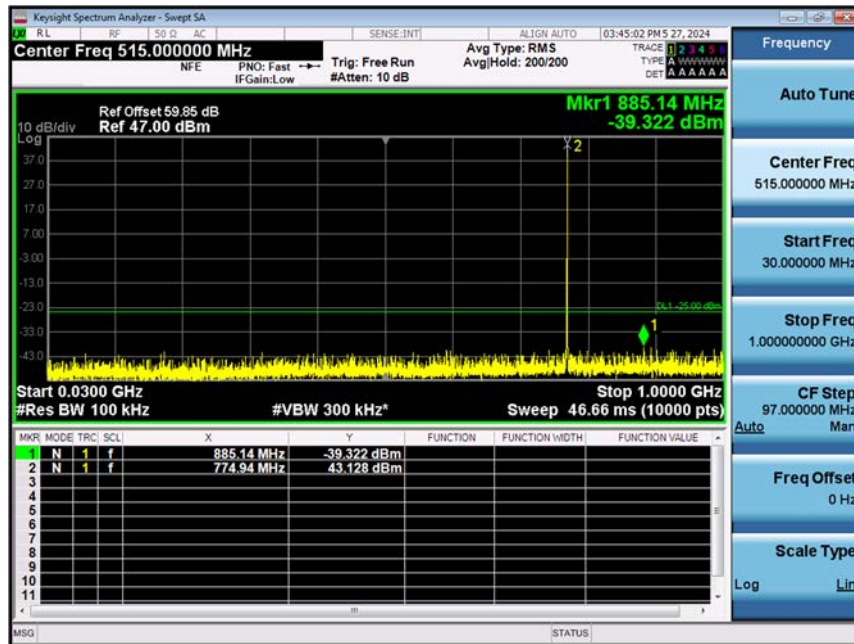
9kHz~150kHz



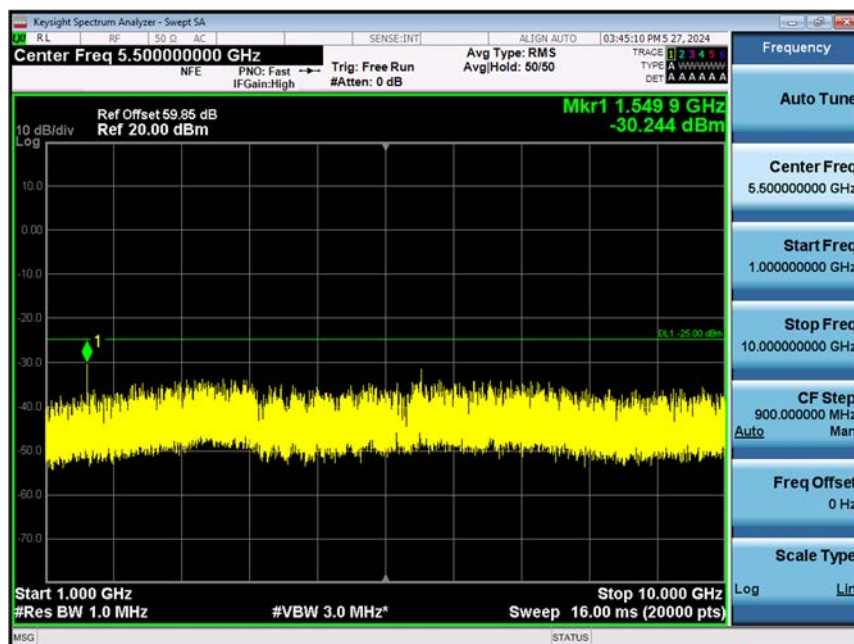
150kHz~30 MHz5



30 MHz~1GHz



1GHz~10GHz

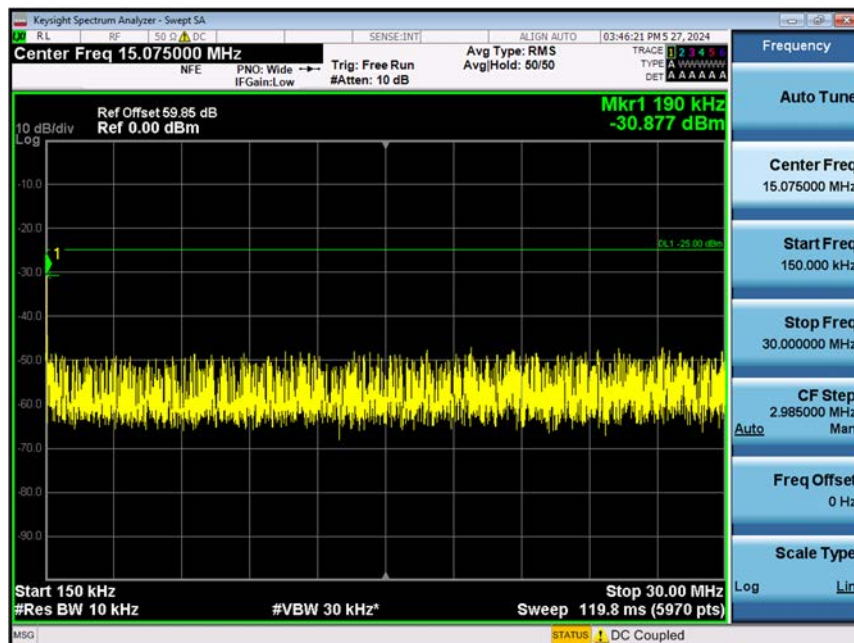


775.95 MHz

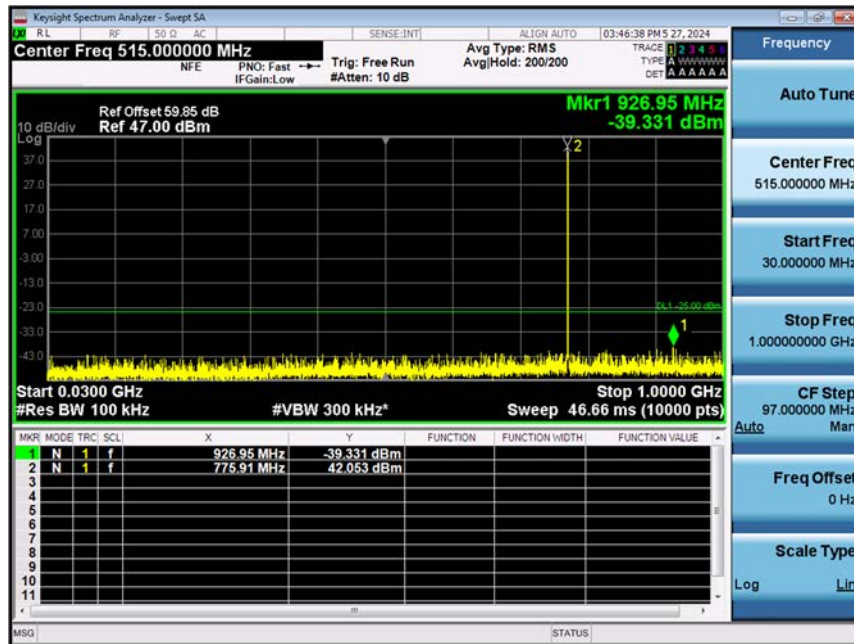
9kHz~150kHz



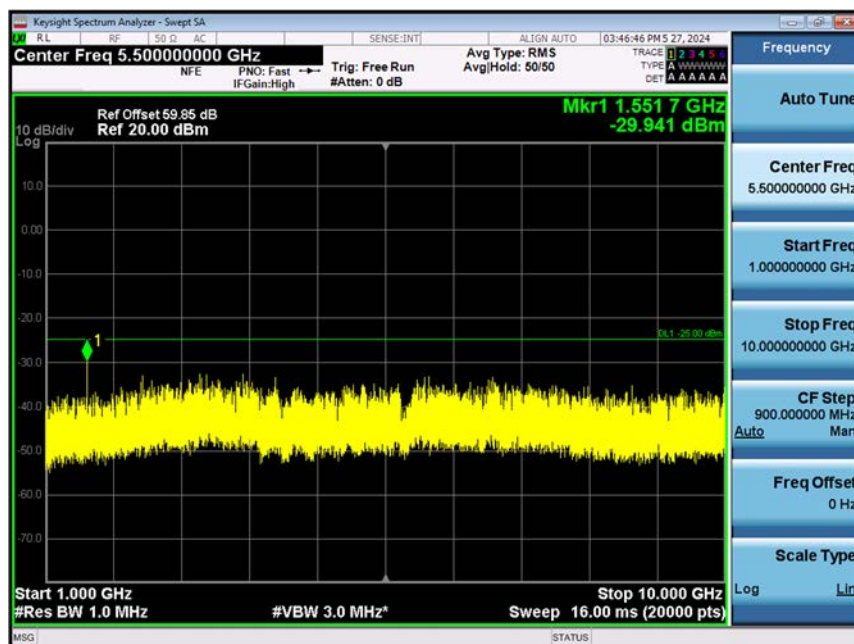
150kHz~30 MHz



30 MHz~1GHz



1GHz~10GHz

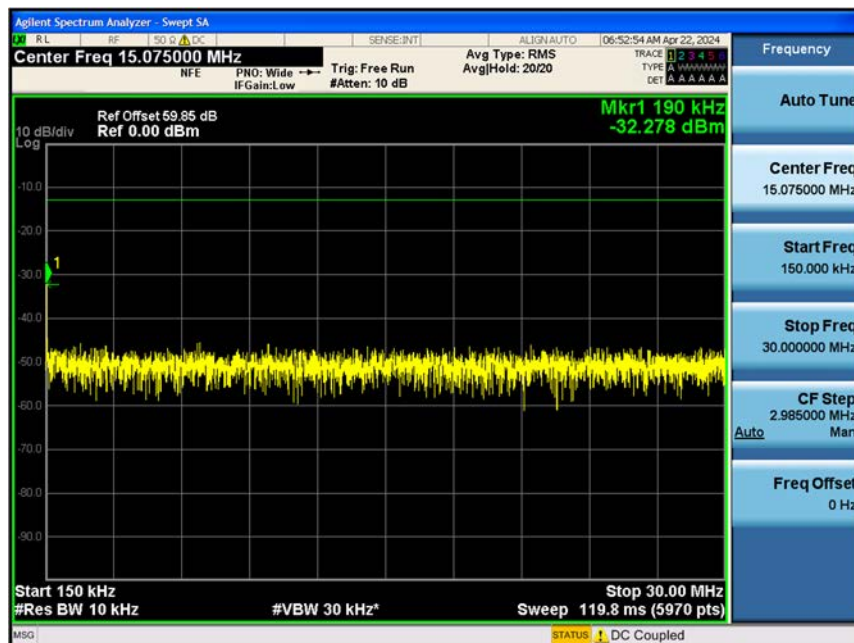


798.05 MHz

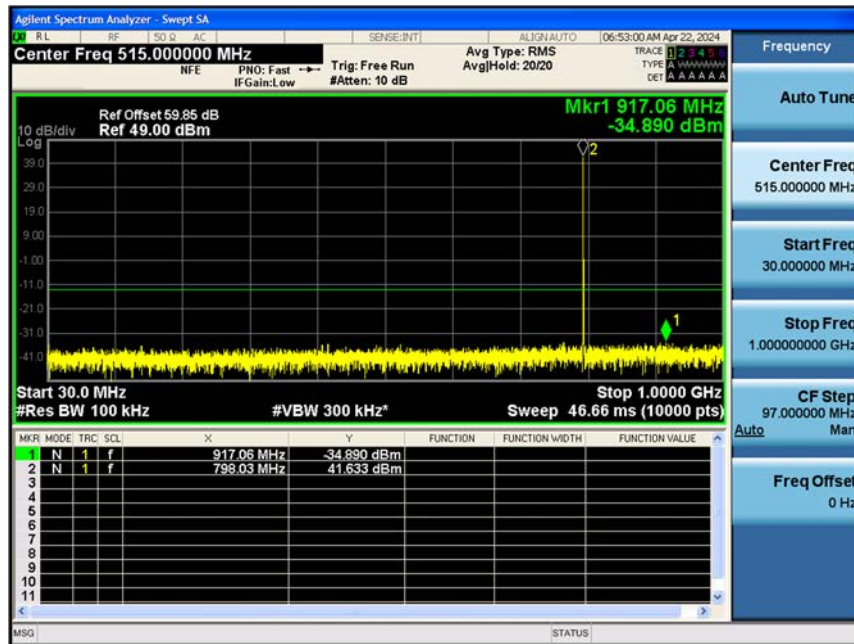
9kHz~150kHz



150kHz~30 MHz



30 MHz~1GHz

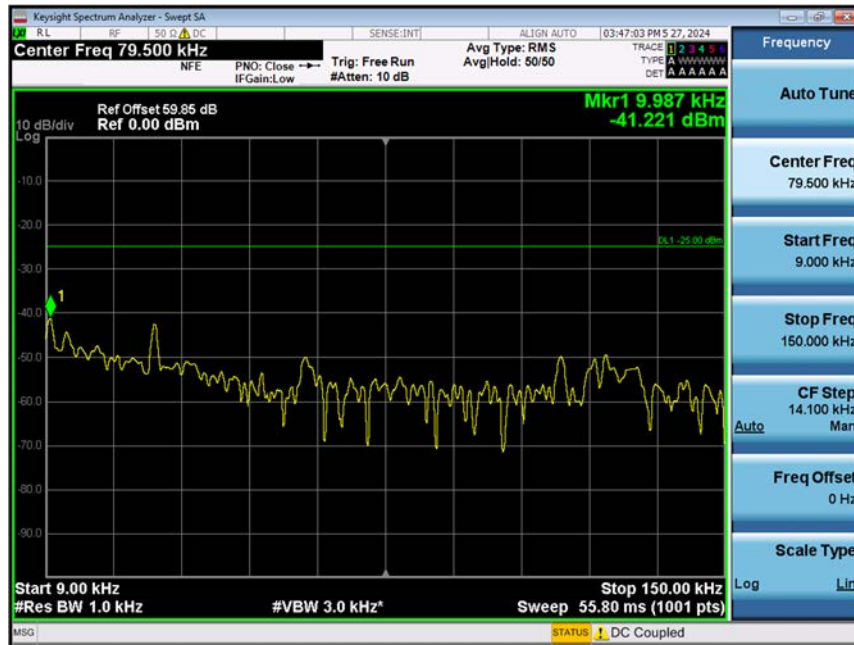


1GHz~10GHz

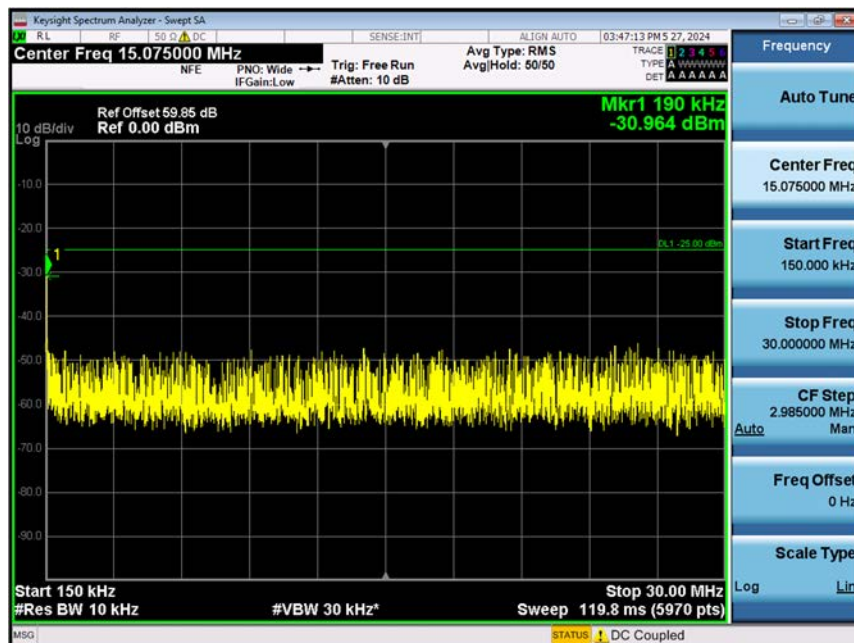


799.05 MHz

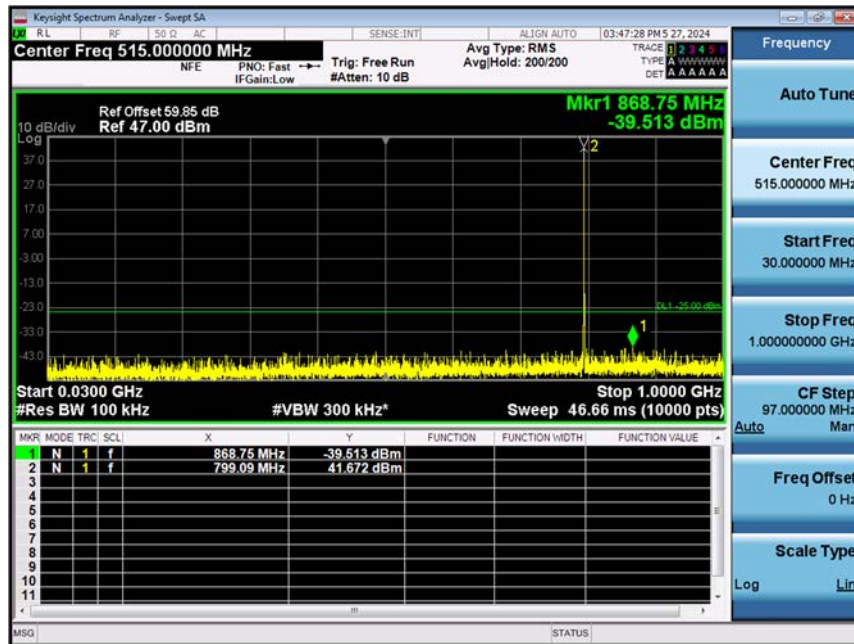
9kHz~150kHz



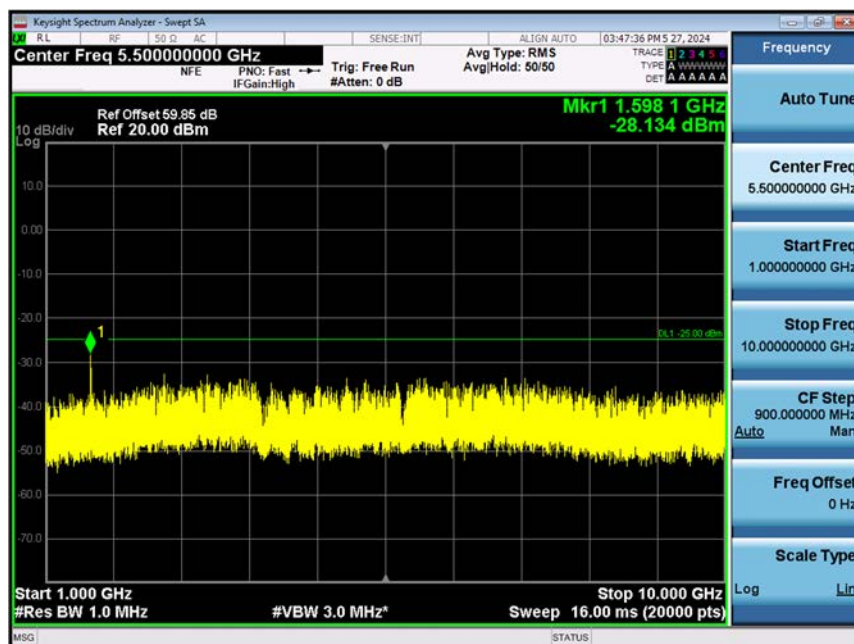
150kHz~30 MHz



30 MHz~1GHz



1GHz~10GHz

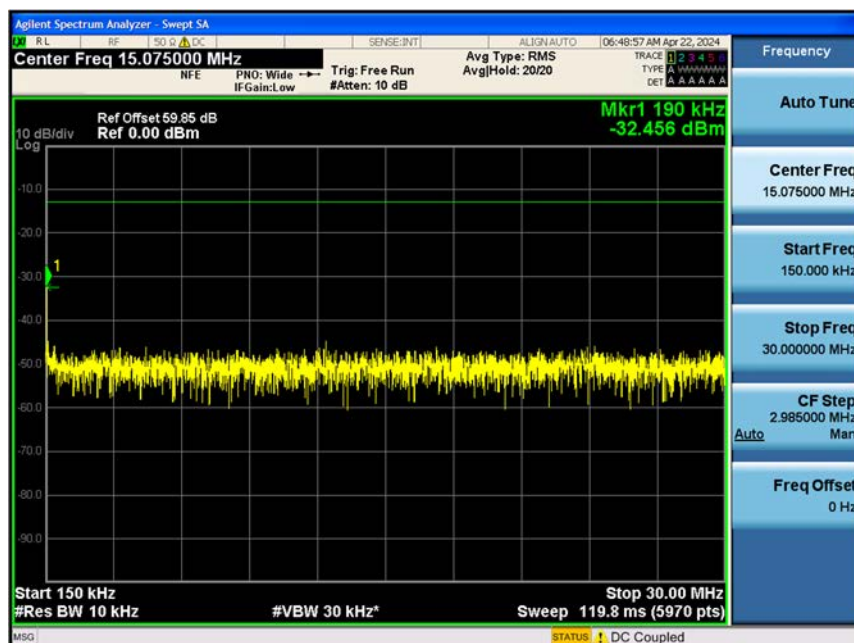


804.95 MHz

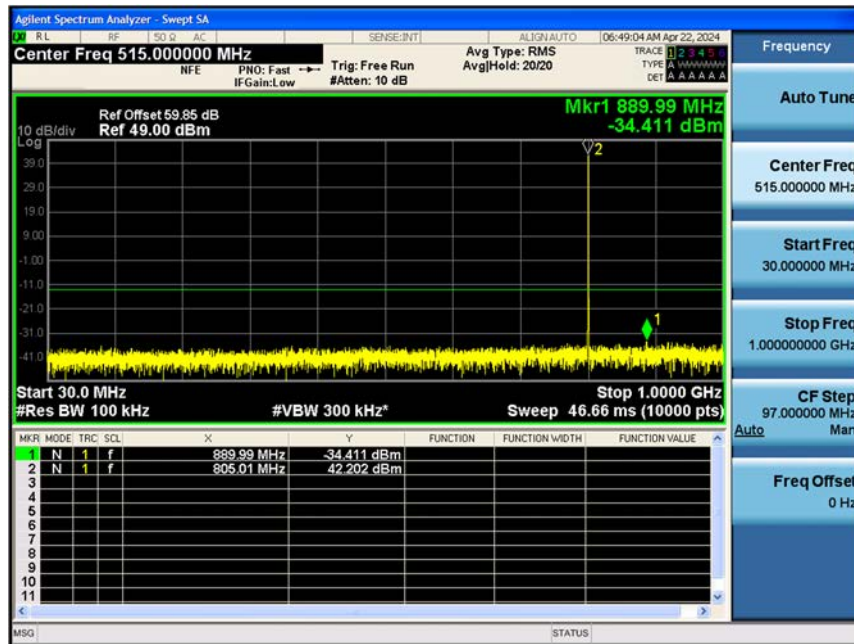
9kHz~150kHz



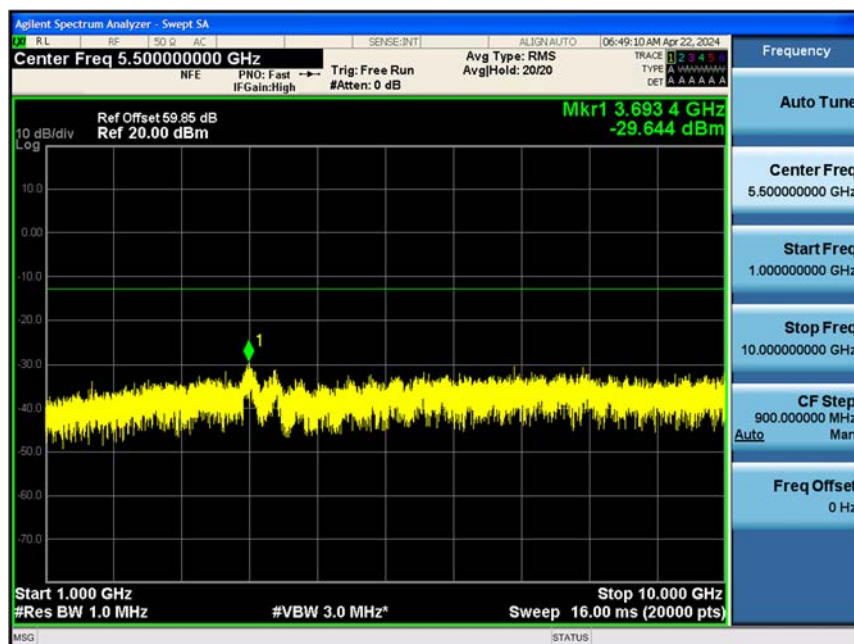
150kHz~30 MHz



30 MHz~1GHz



1GHz~10GHz

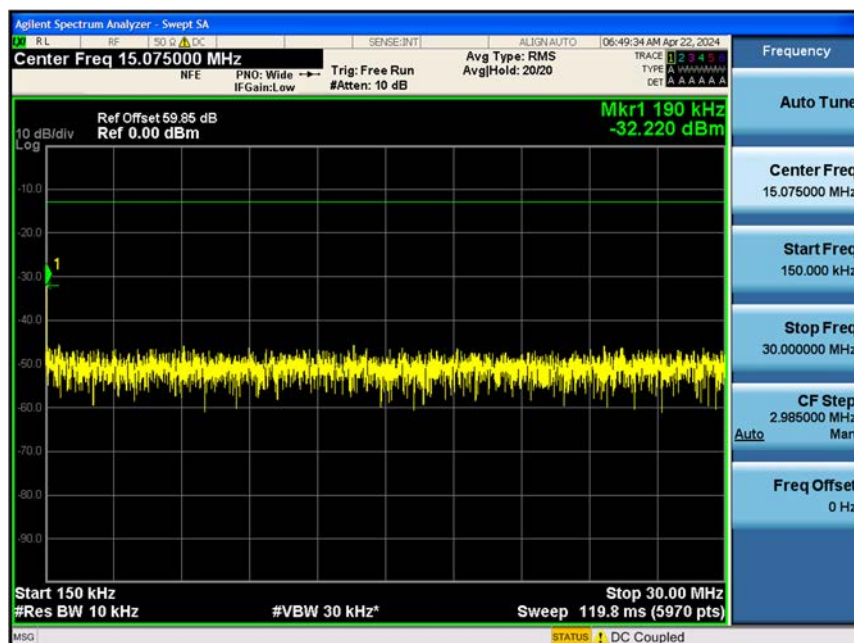


805.95 MHz

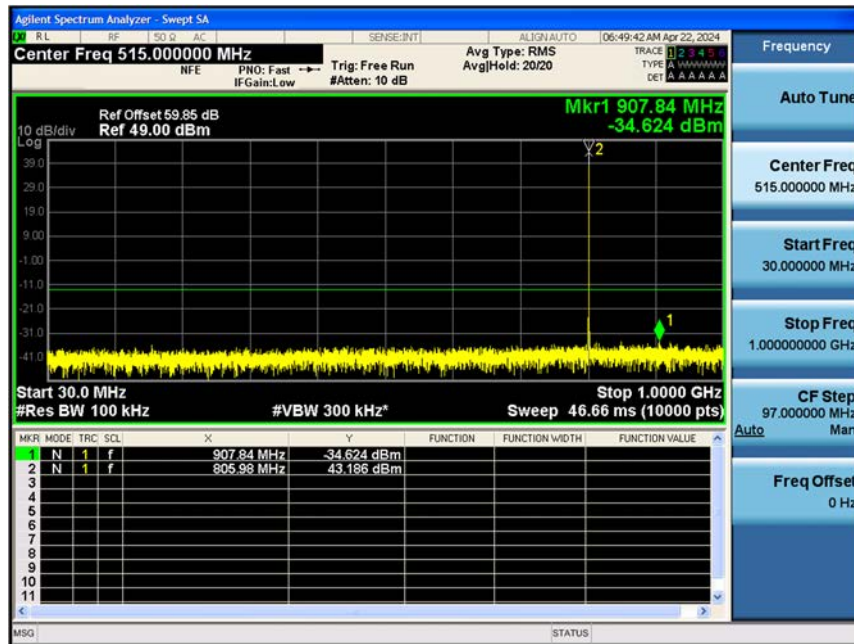
9kHz~150kHz



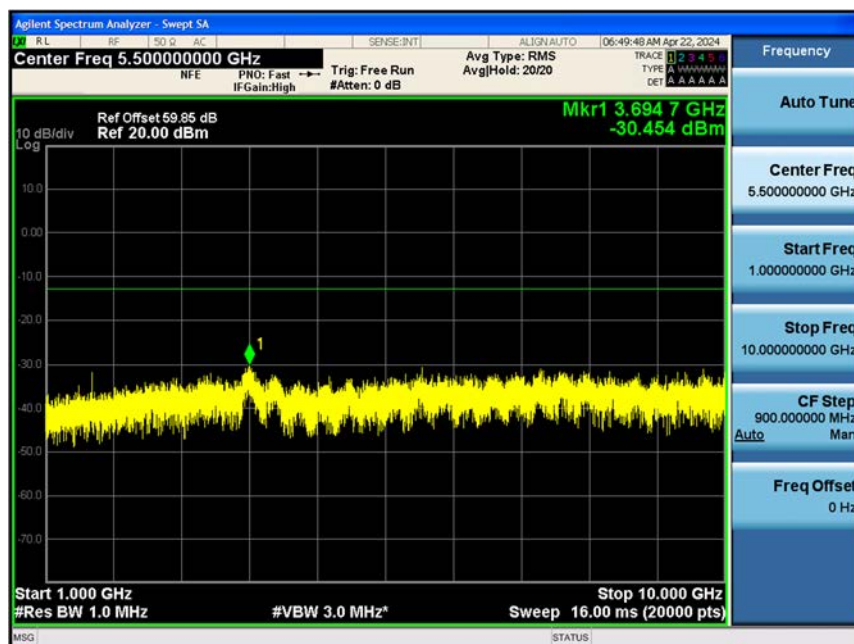
150kHz~30 MHz



30 MHz~1GHz



1GHz~10GHz

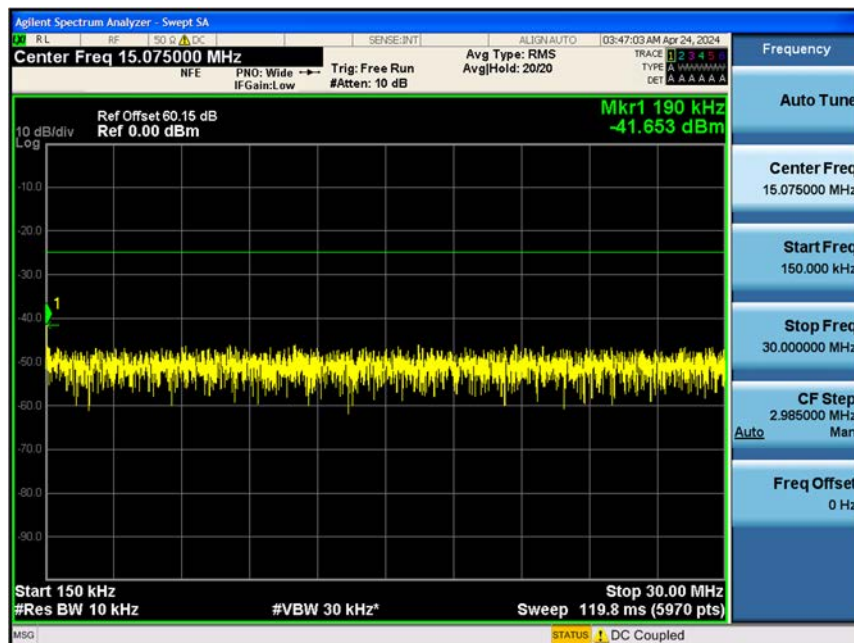


806.05 MHz

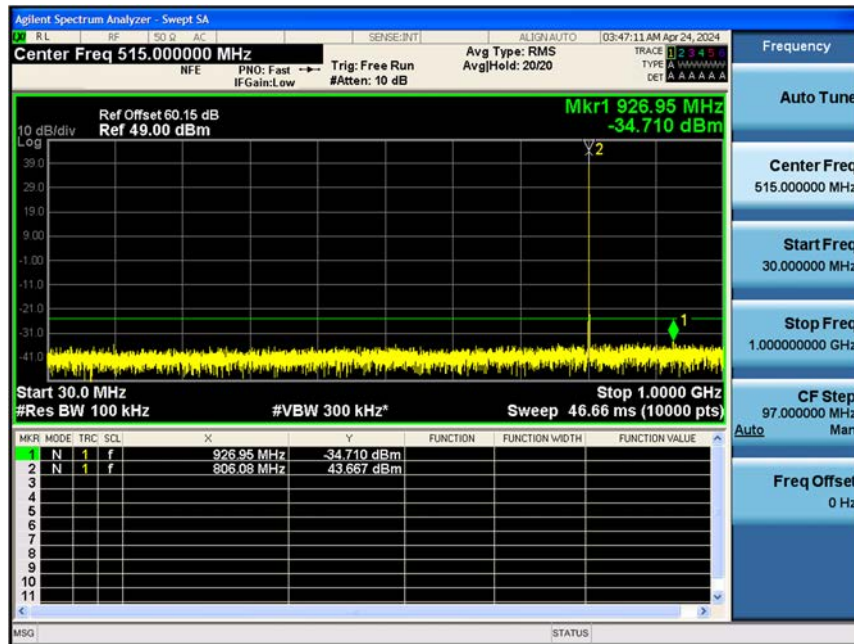
9kHz~150kHz



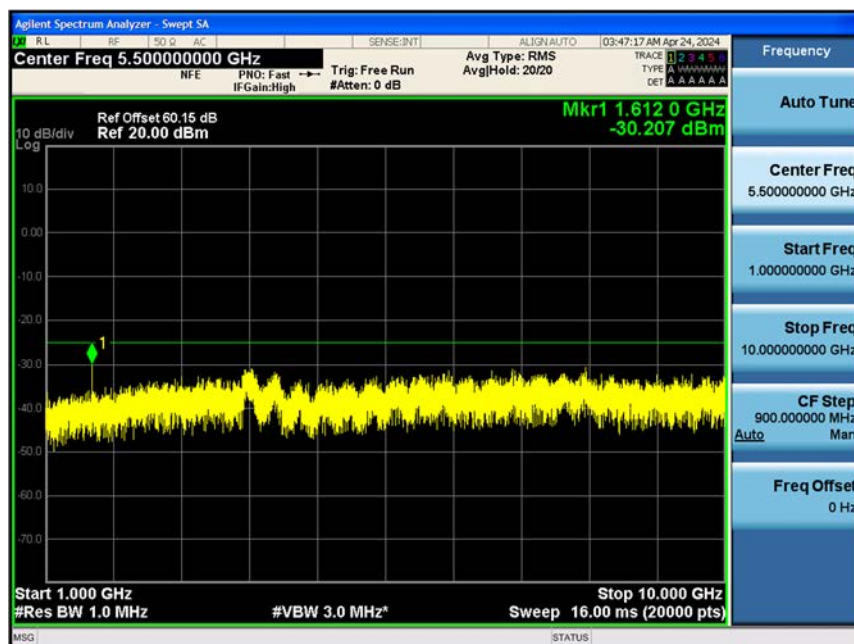
150kHz~30 MHz



30 MHz~1GHz

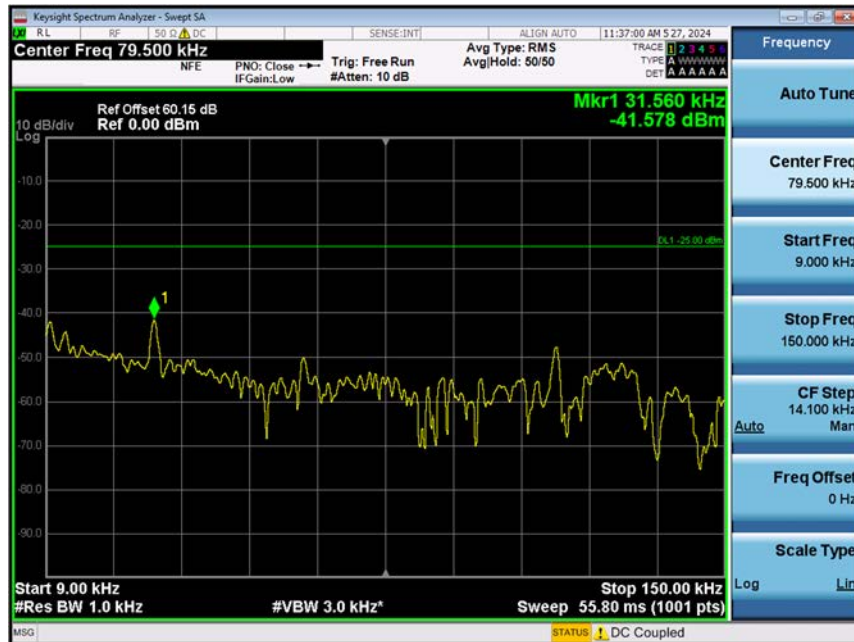


1GHz~10GHz

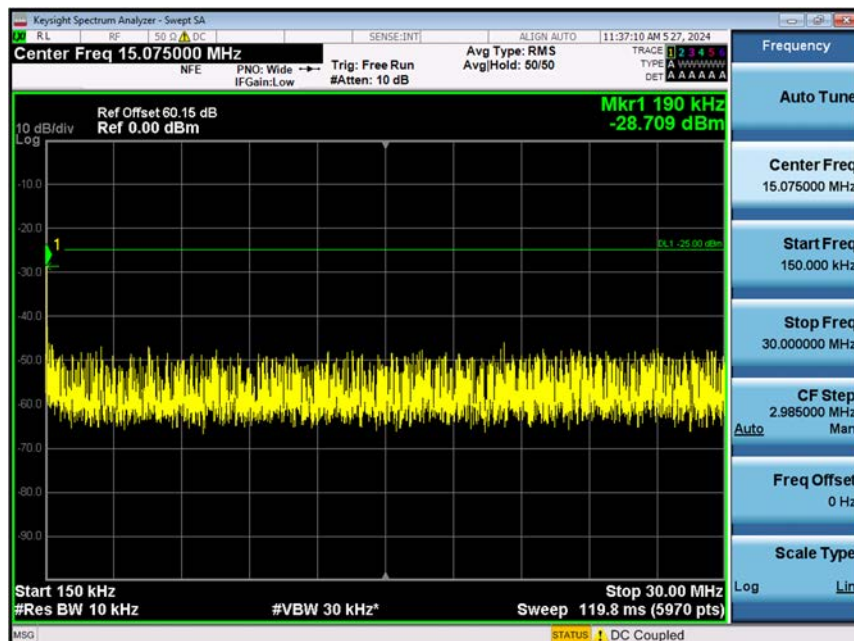


823.95 MHz

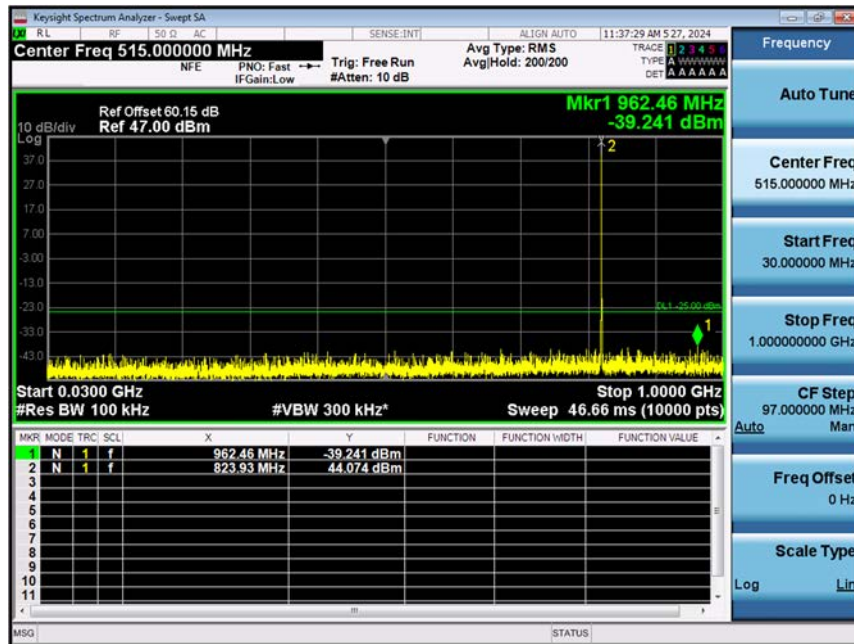
9kHz~150kHz



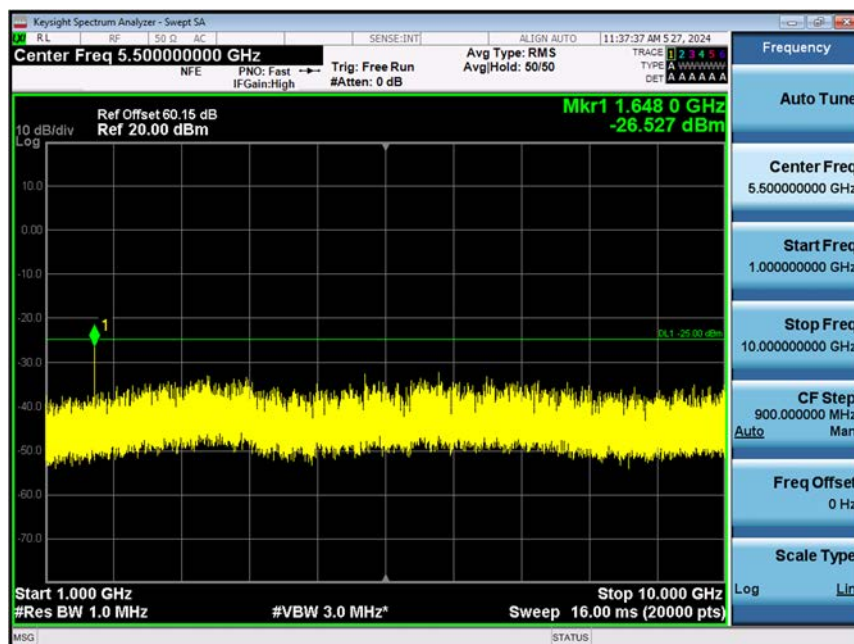
150kHz~30 MHz



30 MHz~1GHz



1GHz~10GHz

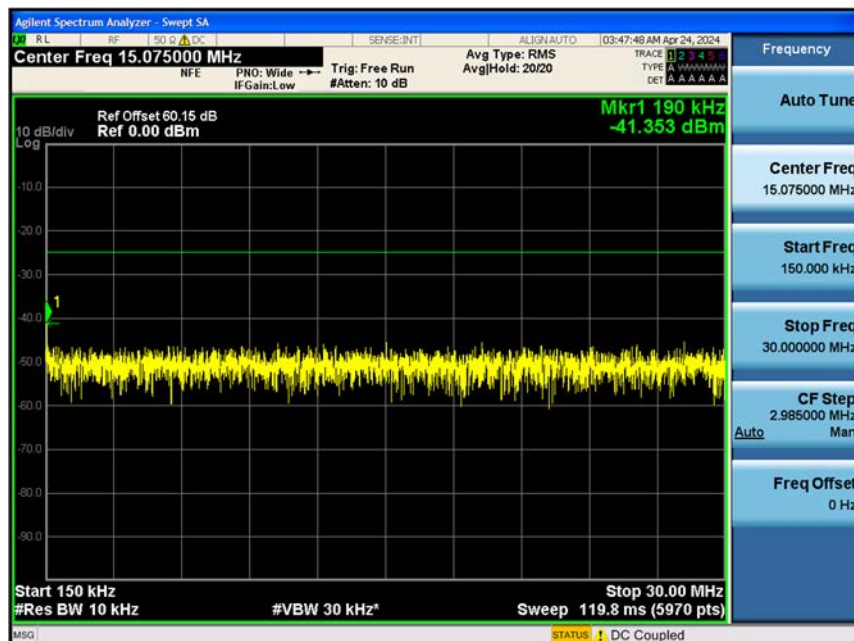


851.05 MHz

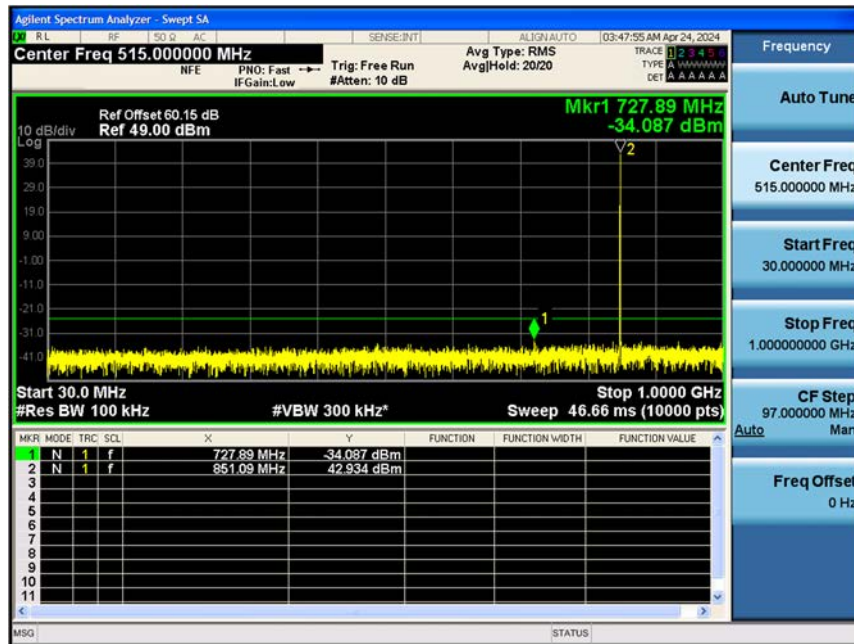
9kHz~150kHz



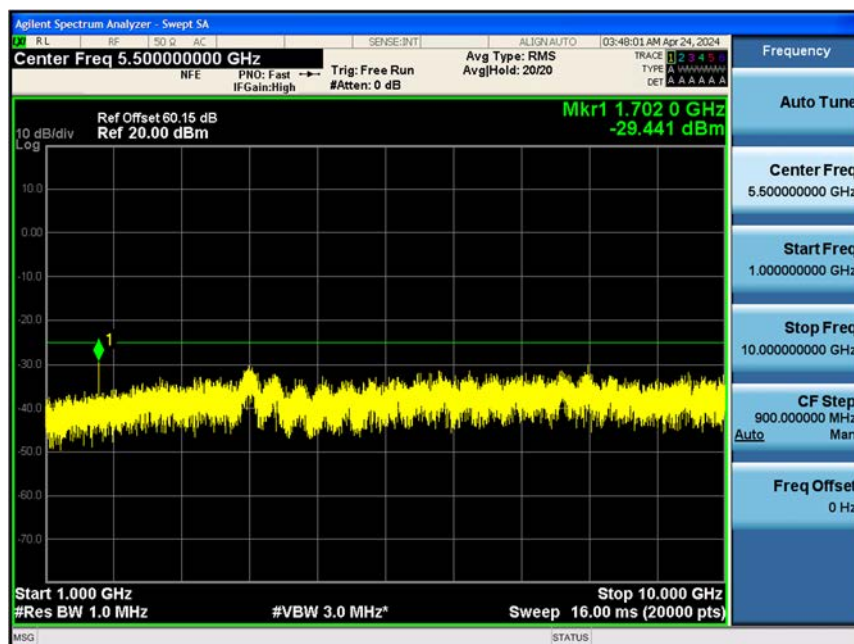
150kHz~30 MHz



30 MHz~1GHz



1GHz~10GHz

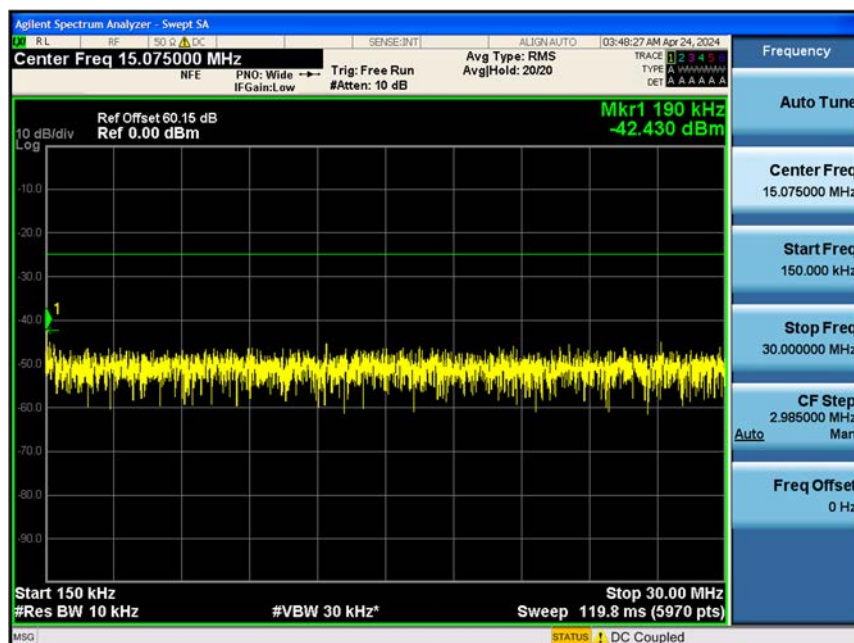


868.95 MHz

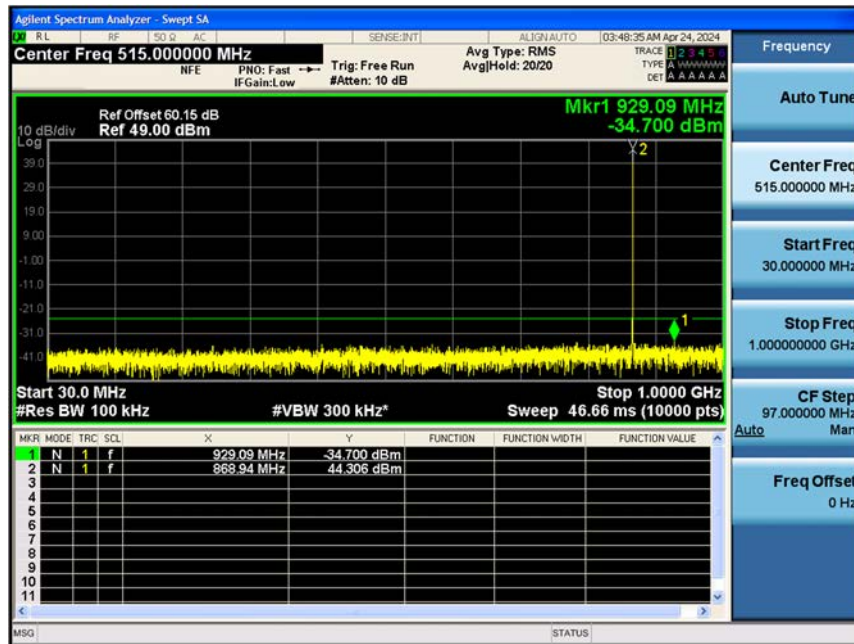
9kHz~150kHz



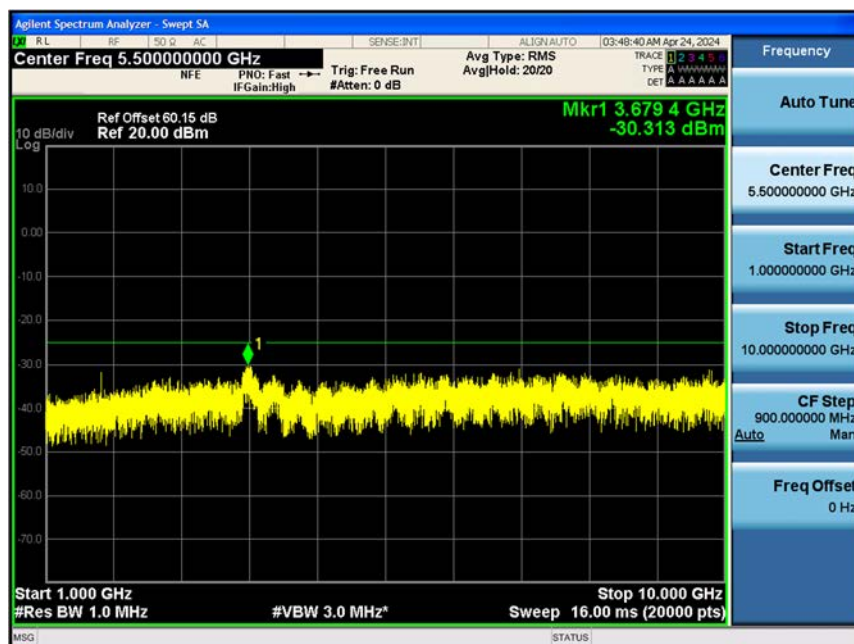
150kHz~30 MHz



30 MHz~1GHz



1GHz~10GHz



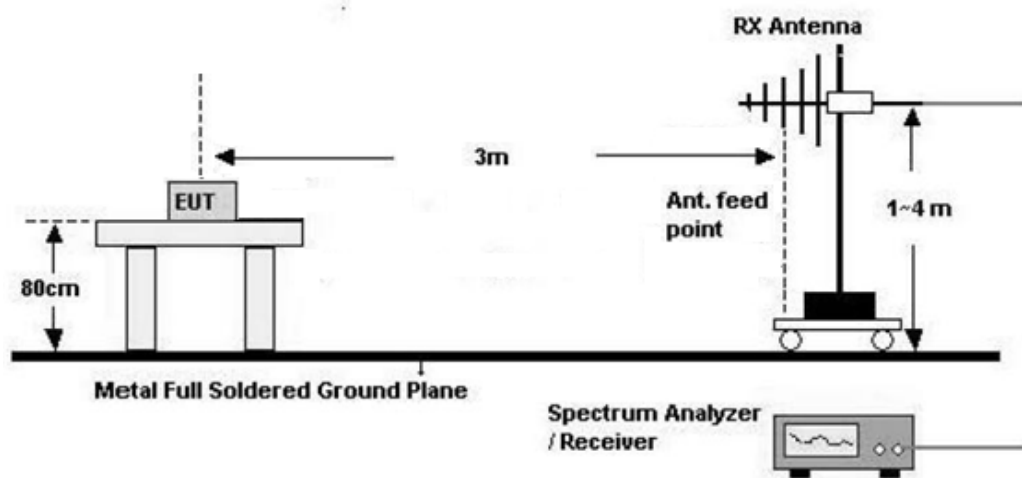
8.9 Unwanted Emissions : Radiated Spurious Emission

Definition

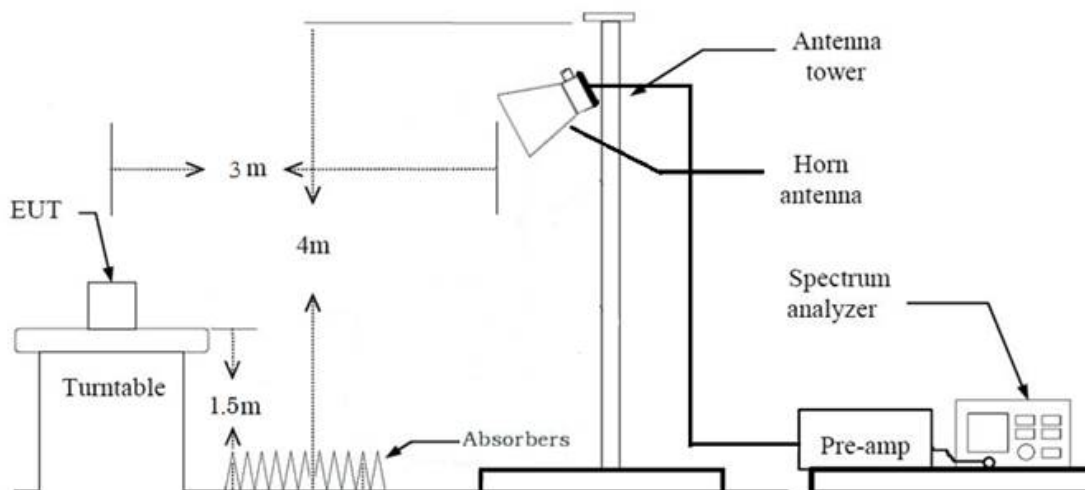
Radiated spurious emissions are emissions from the equipment when transmitting into a non-radiating load on a frequency or frequencies that are outside an occupied band sufficient to ensure transmission of information of required quality for the class of communications desired.

Test Configuration

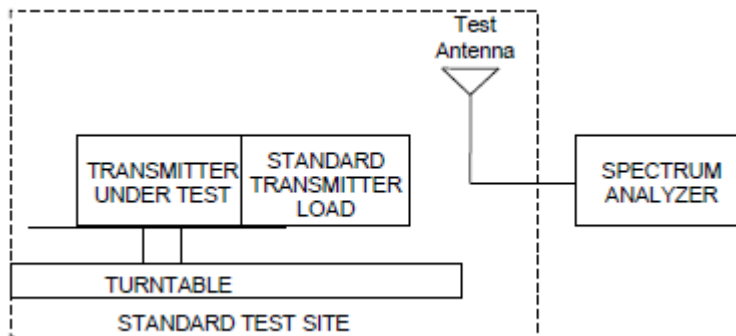
30 MHz - 1 GHz



Above 1 GHz



▣ Operating conditions: Non-Radiating Load



▣ Test Procedure

Radiated tests are performed in the Semi-anechoic chamber.

Radiated Spurious Emission Measurements at 3 meters according to 2.2.12 in TIA-603-E Standard.

- a) The Resolution Bandwidth for scanning Radiated Emission below 1 GHz is 100 kHz with Video Bandwidth = 300 kHz and Resolution Bandwidth for above 1 GHz is 1 MHz with Video Bandwidth = 3 MHz.
- b) Detector mode is Peak.
- c) The EUT was placed on a non-conductive table located on semi-anechoic chamber.
- d) We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
- e) The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
- f) EUT is set 3 m away from the receiving antenna, which is varied from 1 m to 4 m to find out the highest emissions.
- g) Measurement value only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
- h) $E(\text{dB}\mu\text{V}/\text{m}) = \text{Peak Measured Value}(\text{dB}\mu\text{V}) + \text{Antenna Factor}(\text{A.F}) + \text{Cable Loss}(\text{C.L}) - \text{Amp Gain}(\text{A.G})$
 $\text{Result (dBm)} = E(\text{dB}\mu\text{V}/\text{m}) + 20\log(D) - 104.8$
 $= E(\text{dB}\mu\text{V}/\text{m}) - 95.2 \text{ dB}$

TEST RESULTS

Type of Emission: 16K0F3E

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
138.05	276.10	37.02	20.34	V	57.36	-37.84	-13.00	24.84	PEAK
	414.15	19.71	23.79	V	43.50	-51.70	-13.00	38.70	PEAK
	552.20	19.44	26.60	H	46.04	-49.16	-13.00	36.16	PEAK
	690.25	21.32	29.10	H	50.42	-44.78	-13.00	31.78	PEAK
	828.30	22.54	30.80	H	53.34	-41.86	-13.00	28.86	PEAK
	966.35	21.33	32.20	H	53.53	-41.67	-13.00	28.67	PEAK
	1104.40	55.98	-13.60	V	42.38	-52.82	-13.00	39.82	PEAK
	1242.45	58.29	-12.85	H	45.44	-49.76	-13.00	36.76	PEAK
	1380.50	54.55	-12.01	V	42.54	-52.66	-13.00	39.66	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
150.05	300.10	25.55	20.81	H	46.36	-48.84	-13.00	35.84	PEAK
	450.15	18.71	24.78	H	43.49	-51.71	-13.00	38.71	PEAK
	600.20	20.12	28.09	V	48.21	-46.99	-13.00	33.99	PEAK
	750.25	22.32	30.30	H	52.62	-42.58	-13.00	29.58	PEAK
	900.30	20.05	31.35	V	51.40	-43.80	-13.00	30.80	PEAK
	1050.35	52.29	-13.91	H	38.38	-56.82	-13.00	43.82	PEAK
	1200.40	55.92	-13.21	V	42.71	-52.49	-13.00	39.49	PEAK
	1350.45	52.33	-11.97	H	40.36	-54.84	-13.00	41.84	PEAK
	1500.50	49.92	-12.18	V	37.74	-57.46	-13.00	44.46	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
162.05	324.10	25.97	21.81	V	47.78	-47.42	-13.00	34.42	PEAK
	486.15	18.95	25.29	V	44.24	-50.96	-13.00	37.96	PEAK
	648.20	19.48	28.50	H	47.98	-47.22	-13.00	34.22	PEAK
	810.25	26.28	30.56	H	56.84	-38.36	-13.00	25.36	PEAK
	972.30	24.49	32.21	V	56.70	-38.50	-13.00	25.50	PEAK
	1134.35	53.97	-13.48	H	40.49	-54.71	-13.00	41.71	PEAK
	1296.40	55.95	-12.29	V	43.66	-51.54	-13.00	38.54	PEAK
	1458.45	51.21	-12.14	V	39.07	-56.13	-13.00	43.13	PEAK
	1620.50	50.18	-12.01	H	38.17	-57.03	-13.00	44.03	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
173.95	347.90	23.22	21.87	V	45.09	-50.11	-13.00	37.11	PEAK
	521.85	19.62	26.07	V	45.69	-49.51	-13.00	36.51	PEAK
	695.80	21.77	29.41	H	51.18	-44.02	-13.00	31.02	PEAK
	869.75	20.62	31.09	H	51.71	-43.49	-13.00	30.49	PEAK
	1043.70	56.88	-13.91	H	42.97	-52.23	-13.00	39.23	PEAK
	1217.65	55.19	-12.95	V	42.24	-52.96	-13.00	39.96	PEAK
	1391.60	54.70	-12.01	V	42.69	-52.51	-13.00	39.51	PEAK
	1565.55	49.26	-12.08	H	37.18	-58.02	-13.00	45.02	PEAK
	1739.50	49.53	-11.62	H	37.91	-57.29	-13.00	44.29	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
406.15	812.30	33.02	30.58	H	63.60	-31.60	-13.00	18.60	PEAK
	1218.45	55.32	-12.95	V	42.37	-52.83	-13.00	39.83	PEAK
	1624.60	53.99	-11.92	V	42.07	-53.13	-13.00	40.13	PEAK
	2030.75	48.63	-9.13	V	39.50	-55.70	-13.00	42.70	PEAK
	2436.90	46.71	-6.85	V	39.86	-55.34	-13.00	42.34	PEAK
	2843.05	45.68	-4.18	V	41.50	-53.70	-13.00	40.70	PEAK
	3249.20	44.57	-2.95	H	41.62	-53.58	-13.00	40.58	PEAK
	3655.35	48.90	-1.30	V	47.60	-47.60	-13.00	34.60	PEAK
	4061.50	46.44	0.07	V	46.51	-48.69	-13.00	35.69	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
429.95	859.90	30.71	30.96	H	61.67	-33.53	-13.00	20.53	PEAK
	1289.85	54.77	-12.34	H	42.43	-52.77	-13.00	39.77	PEAK
	1719.80	49.15	-11.68	V	37.47	-57.73	-13.00	44.73	PEAK
	2149.75	47.82	-7.75	H	40.07	-55.13	-13.00	42.13	PEAK
	2579.70	52.77	-6.06	V	46.71	-48.49	-13.00	35.49	PEAK
	3009.65	45.02	-3.74	V	41.28	-53.92	-13.00	40.92	PEAK
	3439.60	44.05	-2.71	H	41.34	-53.86	-13.00	40.86	PEAK
	3869.55	43.66	-0.14	V	43.52	-51.68	-13.00	38.68	PEAK
	4299.50	41.98	1.49	V	43.47	-51.73	-13.00	38.73	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
469.95	939.90	23.12	31.92	V	55.04	-40.16	-13.00	27.16	PEAK
	1409.85	55.80	-12.08	H	43.72	-51.48	-13.00	38.48	PEAK
	1879.80	48.77	-10.78	H	37.99	-57.21	-13.00	44.21	PEAK
	2349.75	48.41	-7.27	V	41.14	-54.06	-13.00	41.06	PEAK
	2819.70	45.43	-4.36	V	41.07	-54.13	-13.00	41.13	PEAK
	3289.65	45.35	-2.98	V	42.37	-52.83	-13.00	39.83	PEAK
	3759.60	43.71	-0.36	V	43.35	-51.85	-13.00	38.85	PEAK
	4229.55	42.35	1.01	V	43.36	-51.84	-13.00	38.84	PEAK
	4699.50	42.22	3.00	V	45.22	-49.98	-13.00	36.98	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
470.05	940.10	22.95	31.92	V	54.87	-40.33	-13.00	27.33	PEAK
	1410.15	53.38	-12.08	H	41.30	-53.90	-13.00	40.90	PEAK
	1880.20	49.31	-10.78	H	38.53	-56.67	-13.00	43.67	PEAK
	2350.25	47.51	-7.27	V	40.24	-54.96	-13.00	41.96	PEAK
	2820.30	45.49	-4.36	V	41.13	-54.07	-13.00	41.07	PEAK
	3290.35	44.60	-2.98	V	41.62	-53.58	-13.00	40.58	PEAK
	3760.40	48.85	-0.36	V	48.49	-46.71	-13.00	33.71	PEAK
	4230.45	46.88	1.01	V	47.89	-47.31	-13.00	34.31	PEAK
	4700.50	42.43	3.00	V	45.43	-49.77	-13.00	36.77	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
495.05	990.10	24.01	32.32	V	56.33	-38.87	-13.00	25.87	PEAK
	1485.15	55.62	-12.21	H	43.41	-51.79	-13.00	38.79	PEAK
	1980.20	48.77	-10.02	V	38.75	-56.45	-13.00	43.45	PEAK
	2475.25	46.59	-6.89	H	39.70	-55.50	-13.00	42.50	PEAK
	2970.30	44.58	-3.96	V	40.62	-54.58	-13.00	41.58	PEAK
	3465.35	44.12	-2.49	V	41.63	-53.57	-13.00	40.57	PEAK
	3960.40	42.45	-0.12	V	42.33	-52.87	-13.00	39.87	PEAK
	4455.45	42.51	2.13	H	44.64	-50.56	-13.00	37.56	PEAK
	4950.50	42.36	3.59	V	45.95	-49.25	-13.00	36.25	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
511.95	1023.90	67.70	-14.06	H	53.64	-41.56	-13.00	28.56	PEAK
	1535.85	53.47	-12.03	H	41.44	-53.76	-13.00	40.76	PEAK
	2047.80	48.01	-9.07	V	38.94	-56.26	-13.00	43.26	PEAK
	2559.75	47.49	-6.11	H	41.38	-53.82	-13.00	40.82	PEAK
	3071.70	51.29	-3.50	V	47.79	-47.41	-13.00	34.41	PEAK
	3583.65	44.75	-1.53	V	43.22	-51.98	-13.00	38.98	PEAK
	4095.60	42.38	0.39	V	42.77	-52.43	-13.00	39.43	PEAK
	4607.55	41.59	2.44	H	44.03	-51.17	-13.00	38.17	PEAK
	5119.50	41.34	4.67	V	46.01	-49.19	-13.00	36.19	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
768.05	1536.10	57.85	-12.03	V	45.82	-49.38	-13.00	36.38	PEAK
	2304.15	59.41	-7.22	H	52.19	-43.01	-13.00	30.01	PEAK
	3072.20	44.60	-3.50	V	41.10	-54.10	-13.00	41.10	PEAK
	3840.25	42.69	-0.14	H	42.55	-52.65	-13.00	39.65	PEAK
	4608.30	41.62	2.44	H	44.06	-51.14	-13.00	38.14	PEAK
	5376.35	40.51	4.64	V	45.15	-50.05	-13.00	37.05	PEAK
	6144.40	41.05	6.39	H	47.44	-47.76	-13.00	34.76	PEAK
	6912.45	41.23	9.81	V	51.04	-44.16	-13.00	31.16	PEAK
	7680.50	38.59	12.01	V	50.60	-44.60	-13.00	31.60	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
769.05	1538.10	55.49	-12.03	V	43.46	-51.74	-13.00	38.74	PEAK
	2307.15	58.41	-7.24	H	51.17	-44.03	-13.00	31.03	PEAK
	3076.20	46.02	-3.58	V	42.44	-52.76	-13.00	39.76	PEAK
	3845.25	43.12	-0.14	H	42.98	-52.22	-13.00	39.22	PEAK
	4614.30	42.49	2.44	H	44.93	-50.27	-13.00	37.27	PEAK
	5383.35	41.62	4.64	V	46.26	-48.94	-13.00	35.94	PEAK
	6152.40	41.59	6.36	H	47.95	-47.25	-13.00	34.25	PEAK
	6921.45	41.62	9.88	V	51.50	-43.70	-13.00	30.70	PEAK
	7690.50	39.73	11.95	V	51.68	-43.52	-13.00	30.52	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
774.95	1549.90	56.59	-11.99	V	44.60	-50.60	-13.00	37.60	PEAK
	2324.85	59.91	-7.32	H	52.59	-42.61	-13.00	29.61	PEAK
	3099.80	45.12	-3.58	V	41.54	-53.66	-13.00	40.66	PEAK
	3874.75	42.39	-0.14	H	42.25	-52.95	-13.00	39.95	PEAK
	4649.70	41.75	2.65	H	44.40	-50.80	-13.00	37.80	PEAK
	5424.65	41.12	4.95	V	46.07	-49.13	-13.00	36.13	PEAK
	6199.60	40.79	6.43	H	47.22	-47.98	-13.00	34.98	PEAK
	6974.55	41.05	10.20	V	51.25	-43.95	-13.00	30.95	PEAK
	7749.50	38.65	12.22	V	50.87	-44.33	-13.00	31.33	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
775.95	1551.90	56.22	-11.99	V	44.23	-50.97	-13.00	37.97	PEAK
	2327.85	60.05	-7.39	H	52.66	-42.54	-13.00	29.54	PEAK
	3103.80	42.11	-3.58	V	38.53	-56.67	-13.00	43.67	PEAK
	3879.75	42.62	0.04	H	42.66	-52.54	-13.00	39.54	PEAK
	4655.70	42.59	2.68	H	45.27	-49.93	-13.00	36.93	PEAK
	5431.65	42.44	4.99	V	47.43	-47.77	-13.00	34.77	PEAK
	6207.60	40.41	6.64	H	47.05	-48.15	-13.00	35.15	PEAK
	6983.55	40.77	10.21	V	50.98	-44.22	-13.00	31.22	PEAK
	7759.50	38.12	12.35	V	50.47	-44.73	-13.00	31.73	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
798.05	1596.10	59.81	-11.96	V	47.85	-47.35	-13.00	34.35	PEAK
	2394.15	54.85	-6.90	H	47.95	-47.25	-13.00	34.25	PEAK
	3192.20	45.62	-3.10	H	42.52	-52.68	-13.00	39.68	PEAK
	3990.25	45.61	-0.11	V	45.50	-49.70	-13.00	36.70	PEAK
	4788.30	42.59	3.30	H	45.89	-49.31	-13.00	36.31	PEAK
	5586.35	41.20	5.47	H	46.67	-48.53	-13.00	35.53	PEAK
	6384.40	42.81	7.42	V	50.23	-44.97	-13.00	31.97	PEAK
	7182.45	39.12	11.56	V	50.68	-44.52	-13.00	31.52	PEAK
	7980.50	39.45	13.25	V	52.70	-42.50	-13.00	29.50	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
799.05	1598.10	59.62	-12.03	V	47.59	-47.61	-13.00	34.61	PEAK
	2397.15	55.10	-6.90	H	48.20	-47.00	-13.00	34.00	PEAK
	3196.20	44.74	-3.09	H	41.65	-53.55	-13.00	40.55	PEAK
	3995.25	43.78	-0.05	V	43.73	-51.47	-13.00	38.47	PEAK
	4794.30	41.36	3.30	H	44.66	-50.54	-13.00	37.54	PEAK
	5593.35	40.77	5.39	H	46.16	-49.04	-13.00	36.04	PEAK
	6392.40	42.95	7.42	V	50.37	-44.83	-13.00	31.83	PEAK
	7191.45	38.75	11.54	V	50.29	-44.91	-13.00	31.91	PEAK
	7990.50	39.32	13.35	V	52.67	-42.53	-13.00	29.53	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
804.95	1609.90	59.44	-12.06	V	47.38	-47.82	-13.00	34.82	PEAK
	2414.85	58.40	-6.88	H	51.52	-43.68	-13.00	30.68	PEAK
	3219.80	45.15	-3.01	H	42.14	-53.06	-13.00	40.06	PEAK
	4024.75	43.05	0.14	V	43.19	-52.01	-13.00	39.01	PEAK
	4829.70	41.62	3.33	H	44.95	-50.25	-13.00	37.25	PEAK
	5634.65	40.81	5.48	H	46.29	-48.91	-13.00	35.91	PEAK
	6439.60	40.59	7.70	V	48.29	-46.91	-13.00	33.91	PEAK
	7244.55	39.62	11.88	V	51.50	-43.70	-13.00	30.70	PEAK
	8049.50	39.65	13.48	V	53.13	-42.07	-13.00	29.07	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
805.95	1611.90	58.45	-12.06	V	46.39	-48.81	-13.00	35.81	PEAK
	2417.85	55.62	-6.88	H	48.74	-46.46	-13.00	33.46	PEAK
	3223.80	46.29	-3.01	H	43.28	-51.92	-13.00	38.92	PEAK
	4029.75	42.75	0.14	V	42.89	-52.31	-13.00	39.31	PEAK
	4835.70	41.44	3.33	H	44.77	-50.43	-13.00	37.43	PEAK
	5641.65	40.79	5.40	H	46.19	-49.01	-13.00	36.01	PEAK
	6447.60	40.85	7.77	V	48.62	-46.58	-13.00	33.58	PEAK
	7253.55	38.59	11.88	V	50.47	-44.73	-13.00	31.73	PEAK
	8059.50	38.29	13.53	V	51.82	-43.38	-13.00	30.38	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
806.05	1612.10	60.32	-12.06	V	48.26	-46.94	-13.00	33.94	PEAK
	2418.15	59.22	-6.88	H	52.34	-42.86	-13.00	29.86	PEAK
	3224.20	45.12	-3.01	H	42.11	-53.09	-13.00	40.09	PEAK
	4030.25	43.11	0.14	V	43.25	-51.95	-13.00	38.95	PEAK
	4836.30	41.40	3.33	H	44.73	-50.47	-13.00	37.47	PEAK
	5642.35	40.85	5.40	H	46.25	-48.95	-13.00	35.95	PEAK
	6448.40	42.32	7.77	V	50.09	-45.11	-13.00	32.11	PEAK
	7254.45	38.12	11.88	V	50.00	-45.20	-13.00	32.20	PEAK
	8060.50	38.92	13.53	V	52.45	-42.75	-13.00	29.75	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
823.95	1647.90	59.75	-11.99	H	47.76	-47.44	-13.00	34.44	PEAK
	2471.85	52.87	-6.89	H	45.98	-49.22	-13.00	36.22	PEAK
	3295.80	44.95	-2.89	V	42.06	-53.14	-13.00	40.14	PEAK
	4119.75	52.41	0.52	V	52.93	-42.27	-13.00	29.27	PEAK
	4943.70	42.51	3.60	V	46.11	-49.09	-13.00	36.09	PEAK
	5767.65	40.44	6.00	V	46.44	-48.76	-13.00	35.76	PEAK
	6591.60	40.62	8.52	V	49.14	-46.06	-13.00	33.06	PEAK
	7415.55	38.62	12.23	H	50.85	-44.35	-13.00	31.35	PEAK
	8239.50	37.95	12.91	H	50.86	-44.34	-13.00	31.34	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
851.05	1702.10	60.33	-11.84	H	48.49	-46.71	-13.00	33.71	PEAK
	2553.15	51.62	-6.11	H	45.51	-49.69	-13.00	36.69	PEAK
	3404.20	43.65	-2.79	V	40.86	-54.34	-13.00	41.34	PEAK
	4255.25	47.95	1.03	V	48.98	-46.22	-13.00	33.22	PEAK
	5106.30	46.66	4.67	V	51.33	-43.87	-13.00	30.87	PEAK
	5957.35	40.85	6.43	V	47.28	-47.92	-13.00	34.92	PEAK
	6808.40	40.35	9.43	V	49.78	-45.42	-13.00	32.42	PEAK
	7659.45	38.62	12.01	H	50.63	-44.57	-13.00	31.57	PEAK
	8510.50	38.59	13.73	H	52.32	-42.88	-13.00	29.88	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
868.95	1737.90	56.45	-11.62	V	44.83	-50.37	-13.00	37.37	PEAK
	2606.85	52.71	-5.88	V	46.83	-48.37	-13.00	35.37	PEAK
	3475.80	44.01	-2.43	V	41.58	-53.62	-13.00	40.62	PEAK
	4344.75	42.11	1.82	H	43.93	-51.27	-13.00	38.27	PEAK
	5213.70	41.85	4.62	H	46.47	-48.73	-13.00	35.73	PEAK
	6082.65	40.66	6.37	H	47.03	-48.17	-13.00	35.17	PEAK
	6951.60	40.18	9.95	V	50.13	-45.07	-13.00	32.07	PEAK
	7820.55	40.22	12.54	V	52.76	-42.44	-13.00	29.44	PEAK
	8689.50	37.05	14.50	V	51.55	-43.65	-13.00	30.65	PEAK

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Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
138.05	276.10	37.09	20.34	V	57.43	-37.77	-20.00	17.77	PEAK
	414.15	19.69	23.79	V	43.48	-51.72	-20.00	31.72	PEAK
	552.20	19.38	26.60	H	45.98	-49.22	-20.00	29.22	PEAK
	690.25	21.81	29.10	H	50.91	-44.29	-20.00	24.29	PEAK
	828.30	22.33	30.80	H	53.13	-42.07	-20.00	22.07	PEAK
	966.35	21.45	32.20	H	53.65	-41.55	-20.00	21.55	PEAK
	1104.40	56.05	-13.60	V	42.45	-52.75	-20.00	32.75	PEAK
	1242.45	58.15	-12.85	H	45.30	-49.90	-20.00	29.90	PEAK
	1380.50	54.68	-12.01	V	42.67	-52.53	-20.00	32.53	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
150.05	300.10	25.48	20.81	H	46.29	-48.91	-20.00	28.91	PEAK
	450.15	18.81	24.78	H	43.59	-51.61	-20.00	31.61	PEAK
	600.20	20.22	28.09	V	48.31	-46.89	-20.00	26.89	PEAK
	750.25	22.92	30.30	H	53.22	-41.98	-20.00	21.98	PEAK
	900.30	20.32	31.35	V	51.67	-43.53	-20.00	23.53	PEAK
	1050.35	52.22	-13.91	H	38.31	-56.89	-20.00	36.89	PEAK
	1200.40	55.80	-13.21	V	42.59	-52.61	-20.00	32.61	PEAK
	1350.45	52.43	-11.97	H	40.46	-54.74	-20.00	34.74	PEAK
	1500.50	49.87	-12.18	V	37.69	-57.51	-20.00	37.51	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
162.05	324.10	26.18	21.81	V	47.99	-47.21	-20.00	27.21	PEAK
	486.15	19.01	25.29	V	44.30	-50.90	-20.00	30.90	PEAK
	648.20	19.42	28.50	H	47.92	-47.28	-20.00	27.28	PEAK
	810.25	26.33	30.56	H	56.89	-38.31	-20.00	18.31	PEAK
	972.30	24.67	32.21	V	56.88	-38.32	-20.00	18.32	PEAK
	1134.35	54.15	-13.48	H	40.67	-54.53	-20.00	34.53	PEAK
	1296.40	55.85	-12.29	V	43.56	-51.64	-20.00	31.64	PEAK
	1458.45	51.29	-12.14	V	39.15	-56.05	-20.00	36.05	PEAK
	1620.50	50.23	-12.01	H	38.22	-56.98	-20.00	36.98	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
173.95	347.90	23.35	21.87	V	45.22	-49.98	-20.00	29.98	PEAK
	521.85	19.55	26.07	V	45.62	-49.58	-20.00	29.58	PEAK
	695.80	21.76	29.41	H	51.17	-44.03	-20.00	24.03	PEAK
	869.75	20.57	31.09	H	51.66	-43.54	-20.00	23.54	PEAK
	1043.70	56.89	-13.91	H	42.98	-52.22	-20.00	32.22	PEAK
	1217.65	55.25	-12.95	V	42.30	-52.90	-20.00	32.90	PEAK
	1391.60	54.64	-12.01	V	42.63	-52.57	-20.00	32.57	PEAK
	1565.55	49.22	-12.08	H	37.14	-58.06	-20.00	38.06	PEAK
	1739.50	49.51	-11.62	H	37.89	-57.31	-20.00	37.31	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
406.15	812.30	33.17	30.58	H	63.75	-31.45	-20.00	11.45	PEAK
	1218.45	55.55	-12.95	V	42.60	-52.60	-20.00	32.60	PEAK
	1624.60	53.95	-11.92	V	42.03	-53.17	-20.00	33.17	PEAK
	2030.75	48.73	-9.13	V	39.60	-55.60	-20.00	35.60	PEAK
	2436.90	46.80	-6.85	V	39.95	-55.25	-20.00	35.25	PEAK
	2843.05	45.65	-4.18	V	41.47	-53.73	-20.00	33.73	PEAK
	3249.20	44.58	-2.95	H	41.63	-53.57	-20.00	33.57	PEAK
	3655.35	48.95	-1.30	V	47.65	-47.55	-20.00	27.55	PEAK
	4061.50	46.45	0.07	V	46.52	-48.68	-20.00	28.68	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
429.95	859.90	30.46	30.96	H	61.42	-33.78	-20.00	13.78	PEAK
	1289.85	54.62	-12.34	H	42.28	-52.92	-20.00	32.92	PEAK
	1719.80	49.02	-11.68	V	37.34	-57.86	-20.00	37.86	PEAK
	2149.75	47.62	-7.75	H	39.87	-55.33	-20.00	35.33	PEAK
	2579.70	52.79	-6.06	V	46.73	-48.47	-20.00	28.47	PEAK
	3009.65	45.21	-3.74	V	41.47	-53.73	-20.00	33.73	PEAK
	3439.60	44.12	-2.71	H	41.41	-53.79	-20.00	33.79	PEAK
	3869.55	43.65	-0.14	V	43.51	-51.69	-20.00	31.69	PEAK
	4299.50	41.89	1.49	V	43.38	-51.82	-20.00	31.82	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
469.95	939.90	23.44	31.92	V	55.36	-39.84	-20.00	19.84	PEAK
	1409.85	55.81	-12.08	H	43.73	-51.47	-20.00	31.47	PEAK
	1879.80	48.72	-10.78	H	37.94	-57.26	-20.00	37.26	PEAK
	2349.75	48.55	-7.27	V	41.28	-53.92	-20.00	33.92	PEAK
	2819.70	45.51	-4.36	V	41.15	-54.05	-20.00	34.05	PEAK
	3289.65	45.21	-2.98	V	42.23	-52.97	-20.00	32.97	PEAK
	3759.60	43.69	-0.36	V	43.33	-51.87	-20.00	31.87	PEAK
	4229.55	42.41	1.01	V	43.42	-51.78	-20.00	31.78	PEAK
	4699.50	42.43	3.00	V	45.43	-49.77	-20.00	29.77	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
511.95	1023.90	67.77	-14.06	H	53.71	-41.49	-20.00	21.49	PEAK
	1535.85	53.40	-12.03	H	41.37	-53.83	-20.00	33.83	PEAK
	2047.80	48.02	-9.07	V	38.95	-56.25	-20.00	36.25	PEAK
	2559.75	47.52	-6.11	H	41.41	-53.79	-20.00	33.79	PEAK
	3071.70	51.22	-3.50	V	47.72	-47.48	-20.00	27.48	PEAK
	3583.65	44.88	-1.53	V	43.35	-51.85	-20.00	31.85	PEAK
	4095.60	42.44	0.39	V	42.83	-52.37	-20.00	32.37	PEAK
	4607.55	41.69	2.44	H	44.13	-51.07	-20.00	31.07	PEAK
	5119.50	41.44	4.67	V	46.11	-49.09	-20.00	29.09	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
768.05	1536.10	57.95	-12.03	V	45.92	-49.28	-20.00	29.28	PEAK
	2304.15	59.36	-7.22	H	52.14	-43.06	-20.00	23.06	PEAK
	3072.20	44.59	-3.50	V	41.09	-54.11	-20.00	34.11	PEAK
	3840.25	42.77	-0.14	H	42.63	-52.57	-20.00	32.57	PEAK
	4608.30	41.82	2.44	H	44.26	-50.94	-20.00	30.94	PEAK
	5376.35	40.59	4.64	V	45.23	-49.97	-20.00	29.97	PEAK
	6144.40	41.32	6.39	H	47.71	-47.49	-20.00	27.49	PEAK
	6912.45	41.44	9.81	V	51.25	-43.95	-20.00	23.95	PEAK
	7680.50	38.77	12.01	V	50.78	-44.42	-20.00	24.42	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
769.05	1538.10	55.55	-12.03	V	43.52	-51.68	-20.00	31.68	PEAK
	2307.15	58.32	-7.24	H	51.08	-44.12	-20.00	24.12	PEAK
	3076.20	46.05	-3.58	V	42.47	-52.73	-20.00	32.73	PEAK
	3845.25	43.11	-0.14	H	42.97	-52.23	-20.00	32.23	PEAK
	4614.30	42.32	2.44	H	44.76	-50.44	-20.00	30.44	PEAK
	5383.35	41.55	4.64	V	46.19	-49.01	-20.00	29.01	PEAK
	6152.40	41.51	6.36	H	47.87	-47.33	-20.00	27.33	PEAK
	6921.45	41.49	9.88	V	51.37	-43.83	-20.00	23.83	PEAK
	7690.50	39.62	11.95	V	51.57	-43.63	-20.00	23.63	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
774.95	1549.90	56.55	-11.99	V	44.56	-50.64	-20.00	30.64	PEAK
	2324.85	59.96	-7.32	H	52.64	-42.56	-20.00	22.56	PEAK
	3099.80	44.95	-3.58	V	41.37	-53.83	-20.00	33.83	PEAK
	3874.75	42.33	-0.14	H	42.19	-53.01	-20.00	33.01	PEAK
	4649.70	41.69	2.65	H	44.34	-50.86	-20.00	30.86	PEAK
	5424.65	41.05	4.95	V	46.00	-49.20	-20.00	29.20	PEAK
	6199.60	40.62	6.43	H	47.05	-48.15	-20.00	28.15	PEAK
	6974.55	41.22	10.20	V	51.42	-43.78	-20.00	23.78	PEAK
	7749.50	38.62	12.22	V	50.84	-44.36	-20.00	24.36	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
775.95	1551.90	56.33	-11.99	V	44.34	-50.86	-20.00	30.86	PEAK
	2327.85	60.12	-7.39	H	52.73	-42.47	-20.00	22.47	PEAK
	3103.80	45.32	-3.58	V	41.74	-53.46	-20.00	33.46	PEAK
	3879.75	42.45	0.04	H	42.49	-52.71	-20.00	32.71	PEAK
	4655.70	42.62	2.68	H	45.30	-49.90	-20.00	29.90	PEAK
	5431.65	42.51	4.99	V	47.50	-47.70	-20.00	27.70	PEAK
	6207.60	40.62	6.64	H	47.26	-47.94	-20.00	27.94	PEAK
	6983.55	40.85	10.21	V	51.06	-44.14	-20.00	24.14	PEAK
	7759.50	38.33	12.35	V	50.68	-44.52	-20.00	24.52	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
798.05	1596.10	59.88	-11.96	V	47.92	-47.28	-20.00	27.28	PEAK
	2394.15	54.91	-6.90	H	48.01	-47.19	-20.00	27.19	PEAK
	3192.20	45.32	-3.10	H	42.22	-52.98	-20.00	32.98	PEAK
	3990.25	45.44	-0.11	V	45.33	-49.87	-20.00	29.87	PEAK
	4788.30	42.51	3.30	H	45.81	-49.39	-20.00	29.39	PEAK
	5586.35	41.22	5.47	H	46.69	-48.51	-20.00	28.51	PEAK
	6384.40	42.99	7.42	V	50.41	-44.79	-20.00	24.79	PEAK
	7182.45	39.51	11.56	V	51.07	-44.13	-20.00	24.13	PEAK
	7980.50	39.62	13.25	V	52.87	-42.33	-20.00	22.33	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
799.05	1598.10	59.66	-12.03	V	47.63	-47.57	-20.00	27.57	PEAK
	2397.15	55.01	-6.90	H	48.11	-47.09	-20.00	27.09	PEAK
	3196.20	44.88	-3.09	H	41.79	-53.41	-20.00	33.41	PEAK
	3995.25	43.62	-0.05	V	43.57	-51.63	-20.00	31.63	PEAK
	4794.30	41.44	3.30	H	44.74	-50.46	-20.00	30.46	PEAK
	5593.35	40.75	5.39	H	46.14	-49.06	-20.00	29.06	PEAK
	6392.40	43.15	7.42	V	50.57	-44.63	-20.00	24.63	PEAK
	7191.45	38.85	11.54	V	50.39	-44.81	-20.00	24.81	PEAK
	7990.50	39.22	13.35	V	52.57	-42.63	-20.00	22.63	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
804.95	1609.90	59.32	-12.06	V	47.26	-47.94	-20.00	27.94	PEAK
	2414.85	58.32	-6.88	H	51.44	-43.76	-20.00	23.76	PEAK
	3219.80	45.12	-3.01	H	42.11	-53.09	-20.00	33.09	PEAK
	4024.75	42.71	0.14	V	42.85	-52.35	-20.00	32.35	PEAK
	4829.70	41.55	3.33	H	44.88	-50.32	-20.00	30.32	PEAK
	5634.65	40.71	5.48	H	46.19	-49.01	-20.00	29.01	PEAK
	6439.60	40.78	7.70	V	48.48	-46.72	-20.00	26.72	PEAK
	7244.55	39.59	11.88	V	51.47	-43.73	-20.00	23.73	PEAK
	8049.50	39.55	13.48	V	53.03	-42.17	-20.00	22.17	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
805.95	1611.90	58.22	-12.06	V	46.16	-49.04	-20.00	29.04	PEAK
	2417.85	55.45	-6.88	H	48.57	-46.63	-20.00	26.63	PEAK
	3223.80	46.32	-3.01	H	43.31	-51.89	-20.00	31.89	PEAK
	4029.75	42.77	0.14	V	42.91	-52.29	-20.00	32.29	PEAK
	4835.70	41.62	3.33	H	44.95	-50.25	-20.00	30.25	PEAK
	5641.65	40.85	5.40	H	46.25	-48.95	-20.00	28.95	PEAK
	6447.60	40.75	7.77	V	48.52	-46.68	-20.00	26.68	PEAK
	7253.55	38.51	11.88	V	50.39	-44.81	-20.00	24.81	PEAK
	8059.50	38.22	13.53	V	51.75	-43.45	-20.00	23.45	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
806.05	1612.10	60.49	-12.06	V	48.43	-46.77	-20.00	26.77	PEAK
	2418.15	59.12	-6.88	H	52.24	-42.96	-20.00	22.96	PEAK
	3224.20	45.32	-3.01	H	42.31	-52.89	-20.00	32.89	PEAK
	4030.25	43.22	0.14	V	43.36	-51.84	-20.00	31.84	PEAK
	4836.30	41.44	3.33	H	44.77	-50.43	-20.00	30.43	PEAK
	5642.35	40.62	5.40	H	46.02	-49.18	-20.00	29.18	PEAK
	6448.40	42.12	7.77	V	49.89	-45.31	-20.00	25.31	PEAK
	7254.45	38.02	11.88	V	49.90	-45.30	-20.00	25.30	PEAK
	8060.50	38.75	13.53	V	52.28	-42.92	-20.00	22.92	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
823.95	1647.90	59.62	-11.99	H	47.63	-47.57	-20.00	27.57	PEAK
	2471.85	52.89	-6.89	H	46.00	-49.20	-20.00	29.20	PEAK
	3295.80	44.78	-2.89	V	41.89	-53.31	-20.00	33.31	PEAK
	4119.75	52.22	0.52	V	52.74	-42.46	-20.00	22.46	PEAK
	4943.70	42.48	3.60	V	46.08	-49.12	-20.00	29.12	PEAK
	5767.65	40.36	6.00	V	46.36	-48.84	-20.00	28.84	PEAK
	6591.60	40.55	8.52	V	49.07	-46.13	-20.00	26.13	PEAK
	7415.55	38.77	12.23	H	51.00	-44.20	-20.00	24.20	PEAK
	8239.50	37.62	12.91	H	50.53	-44.67	-20.00	24.67	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
851.05	1702.10	60.45	-11.84	H	48.61	-46.59	-20.00	26.59	PEAK
	2553.15	51.59	-6.11	H	45.48	-49.72	-20.00	29.72	PEAK
	3404.20	43.62	-2.79	V	40.83	-54.37	-20.00	34.37	PEAK
	4255.25	47.62	1.03	V	48.65	-46.55	-20.00	26.55	PEAK
	5106.30	46.55	4.67	V	51.22	-43.98	-20.00	23.98	PEAK
	5957.35	40.71	6.43	V	47.14	-48.06	-20.00	28.06	PEAK
	6808.40	40.23	9.43	V	49.66	-45.54	-20.00	25.54	PEAK
	7659.45	38.59	12.01	H	50.60	-44.60	-20.00	24.60	PEAK
	8510.50	38.22	13.73	H	51.95	-43.25	-20.00	23.25	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
868.95	1737.90	56.32	-11.62	V	44.70	-50.50	-20.00	30.50	PEAK
	2606.85	52.62	-5.88	V	46.74	-48.46	-20.00	28.46	PEAK
	3475.80	44.03	-2.43	V	41.60	-53.60	-20.00	33.60	PEAK
	4344.75	42.01	1.82	H	43.83	-51.37	-20.00	31.37	PEAK
	5213.70	41.95	4.62	H	46.57	-48.63	-20.00	28.63	PEAK
	6082.65	40.68	6.37	H	47.05	-48.15	-20.00	28.15	PEAK
	6951.60	40.22	9.95	V	50.17	-45.03	-20.00	25.03	PEAK
	7820.55	40.32	12.54	V	52.86	-42.34	-20.00	22.34	PEAK
	8689.50	37.12	14.50	V	51.62	-43.58	-20.00	23.58	PEAK

4K00F1E, 4K00F1D, 4K00F7W

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
138.05	276.10	36.99	20.34	V	57.33	-37.87	-25.00	12.87	PEAK
	414.15	20.06	23.79	V	43.85	-51.35	-25.00	26.35	PEAK
	552.20	19.54	26.60	H	46.14	-49.06	-25.00	24.06	PEAK
	690.25	21.75	29.10	H	50.85	-44.35	-25.00	19.35	PEAK
	828.30	24.07	30.80	H	54.87	-40.33	-25.00	15.33	PEAK
	966.35	23.18	32.20	H	55.38	-39.82	-25.00	14.82	PEAK
	1104.40	56.12	-13.60	V	42.52	-52.68	-25.00	27.68	PEAK
	1242.45	58.35	-12.85	H	45.50	-49.70	-25.00	24.70	PEAK
	1380.50	54.71	-12.01	V	42.70	-52.50	-25.00	27.50	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
150.05	300.10	25.08	20.81	H	45.89	-49.31	-25.00	24.31	PEAK
	450.15	18.44	24.78	H	43.22	-51.98	-25.00	26.98	PEAK
	600.20	20.49	28.09	V	48.58	-46.62	-25.00	21.62	PEAK
	750.25	22.82	30.30	H	53.12	-42.08	-25.00	17.08	PEAK
	900.30	20.41	31.35	V	51.76	-43.44	-25.00	18.44	PEAK
	1050.35	52.32	-13.91	H	38.41	-56.79	-25.00	31.79	PEAK
	1200.40	55.83	-13.21	V	42.62	-52.58	-25.00	27.58	PEAK
	1350.45	52.37	-11.97	H	40.40	-54.80	-25.00	29.80	PEAK
	1500.50	49.96	-12.18	V	37.78	-57.42	-25.00	32.42	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
162.05	324.10	27.61	21.81	V	49.42	-45.78	-25.00	20.78	PEAK
	486.15	19.35	25.29	V	44.64	-50.56	-25.00	25.56	PEAK
	648.20	19.75	28.50	H	48.25	-46.95	-25.00	21.95	PEAK
	810.25	26.42	30.56	H	56.98	-38.22	-25.00	13.22	PEAK
	972.30	24.85	32.21	V	57.06	-38.14	-25.00	13.14	PEAK
	1134.35	54.12	-13.48	H	40.64	-54.56	-25.00	29.56	PEAK
	1296.40	55.90	-12.29	V	43.61	-51.59	-25.00	26.59	PEAK
	1458.45	51.32	-12.14	V	39.18	-56.02	-25.00	31.02	PEAK
	1620.50	50.16	-12.01	H	38.15	-57.05	-25.00	32.05	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
173.95	347.90	23.48	21.87	V	45.35	-49.85	-25.00	24.85	PEAK
	521.85	19.78	26.07	V	45.85	-49.35	-25.00	24.35	PEAK
	695.80	22.12	29.41	H	51.53	-43.67	-25.00	18.67	PEAK
	869.75	20.22	31.09	H	51.31	-43.89	-25.00	18.89	PEAK
	1043.70	56.99	-13.91	H	43.08	-52.12	-25.00	27.12	PEAK
	1217.65	55.26	-12.95	V	42.31	-52.89	-25.00	27.89	PEAK
	1391.60	54.71	-12.01	V	42.70	-52.50	-25.00	27.50	PEAK
	1565.55	49.29	-12.08	H	37.21	-57.99	-25.00	32.99	PEAK
	1739.50	49.48	-11.62	H	37.86	-57.34	-25.00	32.34	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
406.15	812.30	34.07	30.58	H	64.65	-30.55	-25.00	5.55	PEAK
	1218.45	55.64	-12.95	V	42.69	-52.51	-25.00	27.51	PEAK
	1624.60	54.02	-11.92	V	42.10	-53.10	-25.00	28.10	PEAK
	2030.75	48.70	-9.13	V	39.57	-55.63	-25.00	30.63	PEAK
	2436.90	46.75	-6.85	V	39.90	-55.30	-25.00	30.30	PEAK
	2843.05	45.63	-4.18	V	41.45	-53.75	-25.00	28.75	PEAK
	3249.20	44.55	-2.95	H	41.60	-53.60	-25.00	28.60	PEAK
	3655.35	49.00	-1.30	V	47.70	-47.50	-25.00	22.50	PEAK
	4061.50	46.38	0.07	V	46.45	-48.75	-25.00	23.75	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
429.95	859.90	31.37	30.96	H	62.33	-32.87	-25.00	7.87	PEAK
	1289.85	54.70	-12.34	H	42.36	-52.84	-25.00	27.84	PEAK
	1719.80	49.18	-11.68	V	37.50	-57.70	-25.00	32.70	PEAK
	2149.75	47.88	-7.75	H	40.13	-55.07	-25.00	30.07	PEAK
	2579.70	52.76	-6.06	V	46.70	-48.50	-25.00	23.50	PEAK
	3009.65	45.34	-3.74	V	41.60	-53.60	-25.00	28.60	PEAK
	3439.60	44.42	-2.71	H	41.71	-53.49	-25.00	28.49	PEAK
	3869.55	43.61	-0.14	V	43.47	-51.73	-25.00	26.73	PEAK
	4299.50	41.95	1.49	V	43.44	-51.76	-25.00	26.76	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
469.95	939.90	23.58	31.92	V	55.50	-39.70	-25.00	14.70	PEAK
	1409.85	56.03	-12.08	H	43.95	-51.25	-25.00	26.25	PEAK
	1879.80	48.81	-10.78	H	38.03	-57.17	-25.00	32.17	PEAK
	2349.75	48.69	-7.27	V	41.42	-53.78	-25.00	28.78	PEAK
	2819.70	45.66	-4.36	V	41.30	-53.90	-25.00	28.90	PEAK
	3289.65	45.62	-2.98	V	42.64	-52.56	-25.00	27.56	PEAK
	3759.60	43.79	-0.36	V	43.43	-51.77	-25.00	26.77	PEAK
	4229.55	42.39	1.01	V	43.40	-51.80	-25.00	26.80	PEAK
	4699.50	42.46	3.00	V	45.46	-49.74	-25.00	24.74	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
511.95	1023.90	67.83	-14.06	H	53.77	-41.43	-25.00	16.43	PEAK
	1535.85	53.49	-12.03	H	41.46	-53.74	-25.00	28.74	PEAK
	2047.80	48.04	-9.07	V	38.97	-56.23	-25.00	31.23	PEAK
	2559.75	47.65	-6.11	H	41.54	-53.66	-25.00	28.66	PEAK
	3071.70	51.35	-3.50	V	47.85	-47.35	-25.00	22.35	PEAK
	3583.65	44.97	-1.53	V	43.44	-51.76	-25.00	26.76	PEAK
	4095.60	42.59	0.39	V	42.98	-52.22	-25.00	27.22	PEAK
	4607.55	41.66	2.44	H	44.10	-51.10	-25.00	26.10	PEAK
	5119.50	41.35	4.67	V	46.02	-49.18	-25.00	24.18	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
768.05	1536.10	57.96	-12.03	V	45.93	-49.27	-25.00	24.27	PEAK
	2304.15	59.46	-7.22	H	52.24	-42.96	-25.00	17.96	PEAK
	3072.20	44.63	-3.50	V	41.13	-54.07	-25.00	29.07	PEAK
	3840.25	42.84	-0.14	H	42.70	-52.50	-25.00	27.50	PEAK
	4608.30	41.88	2.44	H	44.32	-50.88	-25.00	25.88	PEAK
	5376.35	40.61	4.64	V	45.25	-49.95	-25.00	24.95	PEAK
	6144.40	41.12	6.39	H	47.51	-47.69	-25.00	22.69	PEAK
	6912.45	41.32	9.81	V	51.13	-44.07	-25.00	19.07	PEAK
	7680.50	38.65	12.01	V	50.66	-44.54	-25.00	19.54	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
769.05	1538.10	55.62	-12.03	V	43.59	-51.61	-25.00	26.61	PEAK
	2307.15	58.65	-7.24	H	51.41	-43.79	-25.00	18.79	PEAK
	3076.20	46.15	-3.58	V	42.57	-52.63	-25.00	27.63	PEAK
	3845.25	43.15	-0.14	H	43.01	-52.19	-25.00	27.19	PEAK
	4614.30	42.24	2.44	H	44.68	-50.52	-25.00	25.52	PEAK
	5383.35	41.65	4.64	V	46.29	-48.91	-25.00	23.91	PEAK
	6152.40	41.45	6.36	H	47.81	-47.39	-25.00	22.39	PEAK
	6921.45	41.52	9.88	V	51.40	-43.80	-25.00	18.80	PEAK
	7690.50	39.75	11.95	V	51.70	-43.50	-25.00	18.50	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
774.95	1549.90	56.62	-11.99	V	44.63	-50.57	-25.00	25.57	PEAK
	2324.85	60.12	-7.32	H	52.80	-42.40	-25.00	17.40	PEAK
	3099.80	45.09	-3.58	V	41.51	-53.69	-25.00	28.69	PEAK
	3874.75	42.47	-0.14	H	42.33	-52.87	-25.00	27.87	PEAK
	4649.70	41.88	2.65	H	44.53	-50.67	-25.00	25.67	PEAK
	5424.65	41.22	4.95	V	46.17	-49.03	-25.00	24.03	PEAK
	6199.60	40.85	6.43	H	47.28	-47.92	-25.00	22.92	PEAK
	6974.55	41.13	10.20	V	51.33	-43.87	-25.00	18.87	PEAK
	7749.50	38.77	12.22	V	50.99	-44.21	-25.00	19.21	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
775.95	1551.90	56.42	-11.99	V	44.43	-50.77	-25.00	25.77	PEAK
	2327.85	60.32	-7.39	H	52.93	-42.27	-25.00	17.27	PEAK
	3103.80	45.29	-3.58	V	41.71	-53.49	-25.00	28.49	PEAK
	3879.75	42.54	0.04	H	42.58	-52.62	-25.00	27.62	PEAK
	4655.70	42.51	2.68	H	45.19	-50.01	-25.00	25.01	PEAK
	5431.65	42.48	4.99	V	47.47	-47.73	-25.00	22.73	PEAK
	6207.60	40.55	6.64	H	47.19	-48.01	-25.00	23.01	PEAK
	6983.55	40.94	10.21	V	51.15	-44.05	-25.00	19.05	PEAK
	7759.50	38.42	12.35	V	50.77	-44.43	-25.00	19.43	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
798.05	1596.10	59.96	-11.96	V	48.00	-47.20	-25.00	22.20	PEAK
	2394.15	54.98	-6.90	H	48.08	-47.12	-25.00	22.12	PEAK
	3192.20	45.45	-3.10	H	42.35	-52.85	-25.00	27.85	PEAK
	3990.25	45.51	-0.11	V	45.40	-49.80	-25.00	24.80	PEAK
	4788.30	42.62	3.30	H	45.92	-49.28	-25.00	24.28	PEAK
	5586.35	41.32	5.47	H	46.79	-48.41	-25.00	23.41	PEAK
	6384.40	42.91	7.42	V	50.33	-44.87	-25.00	19.87	PEAK
	7182.45	39.33	11.56	V	50.89	-44.31	-25.00	19.31	PEAK
	7980.50	39.51	13.25	V	52.76	-42.44	-25.00	17.44	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
799.05	1598.10	59.72	-12.03	V	47.69	-47.51	-25.00	22.51	PEAK
	2397.15	55.09	-6.90	H	48.19	-47.01	-25.00	22.01	PEAK
	3196.20	44.99	-3.09	H	41.90	-53.30	-25.00	28.30	PEAK
	3995.25	43.81	-0.05	V	43.76	-51.44	-25.00	26.44	PEAK
	4794.30	41.35	3.30	H	44.65	-50.55	-25.00	25.55	PEAK
	5593.35	40.69	5.39	H	46.08	-49.12	-25.00	24.12	PEAK
	6392.40	43.16	7.42	V	50.58	-44.62	-25.00	19.62	PEAK
	7191.45	38.62	11.54	V	50.16	-45.04	-25.00	20.04	PEAK
	7990.50	39.07	13.35	V	52.42	-42.78	-25.00	17.78	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
804.95	1609.90	59.55	-12.06	V	47.49	-47.71	-25.00	22.71	PEAK
	2414.85	58.62	-6.88	H	51.74	-43.46	-25.00	18.46	PEAK
	3219.80	45.18	-3.01	H	42.17	-53.03	-25.00	28.03	PEAK
	4024.75	42.83	0.14	V	42.97	-52.23	-25.00	27.23	PEAK
	4829.70	41.74	3.33	H	45.07	-50.13	-25.00	25.13	PEAK
	5634.65	40.89	5.48	H	46.37	-48.83	-25.00	23.83	PEAK
	6439.60	40.94	7.70	V	48.64	-46.56	-25.00	21.56	PEAK
	7244.55	39.69	11.88	V	51.57	-43.63	-25.00	18.63	PEAK
	8049.50	39.71	13.48	V	53.19	-42.01	-25.00	17.01	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
805.95	1611.90	58.35	-12.06	V	46.29	-48.91	-25.00	23.91	PEAK
	2417.85	55.44	-6.88	H	48.56	-46.64	-25.00	21.64	PEAK
	3223.80	46.22	-3.01	H	43.21	-51.99	-25.00	26.99	PEAK
	4029.75	42.86	0.14	V	43.00	-52.20	-25.00	27.20	PEAK
	4835.70	41.56	3.33	H	44.89	-50.31	-25.00	25.31	PEAK
	5641.65	40.73	5.40	H	46.13	-49.07	-25.00	24.07	PEAK
	6447.60	40.71	7.77	V	48.48	-46.72	-25.00	21.72	PEAK
	7253.55	38.44	11.88	V	50.32	-44.88	-25.00	19.88	PEAK
	8059.50	38.30	13.53	V	51.83	-43.37	-25.00	18.37	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
806.05	1612.10	60.66	-12.06	V	48.60	-46.60	-25.00	21.60	PEAK
	2418.15	59.32	-6.88	H	52.44	-42.76	-25.00	17.76	PEAK
	3224.20	45.29	-3.01	H	42.28	-52.92	-25.00	27.92	PEAK
	4030.25	43.15	0.14	V	43.29	-51.91	-25.00	26.91	PEAK
	4836.30	41.54	3.33	H	44.87	-50.33	-25.00	25.33	PEAK
	5642.35	40.79	5.40	H	46.19	-49.01	-25.00	24.01	PEAK
	6448.40	42.22	7.77	V	49.99	-45.21	-25.00	20.21	PEAK
	7254.45	38.24	11.88	V	50.12	-45.08	-25.00	20.08	PEAK
	8060.50	38.82	13.53	V	52.35	-42.85	-25.00	17.85	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
823.95	1647.90	59.99	-11.99	H	48.00	-47.20	-25.00	22.20	PEAK
	2471.85	52.99	-6.89	H	46.10	-49.10	-25.00	24.10	PEAK
	3295.80	44.89	-2.89	V	42.00	-53.20	-25.00	28.20	PEAK
	4119.75	52.39	0.52	V	52.91	-42.29	-25.00	17.29	PEAK
	4943.70	42.55	3.60	V	46.15	-49.05	-25.00	24.05	PEAK
	5767.65	40.32	6.00	V	46.32	-48.88	-25.00	23.88	PEAK
	6591.60	40.38	8.52	V	48.90	-46.30	-25.00	21.30	PEAK
	7415.55	38.63	12.23	H	50.86	-44.34	-25.00	19.34	PEAK
	8239.50	37.88	12.91	H	50.79	-44.41	-25.00	19.41	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
851.05	1702.10	60.47	-11.84	H	48.63	-46.57	-25.00	21.57	PEAK
	2553.15	51.77	-6.11	H	45.66	-49.54	-25.00	24.54	PEAK
	3404.20	43.66	-2.79	V	40.87	-54.33	-25.00	29.33	PEAK
	4255.25	48.13	1.03	V	49.16	-46.04	-25.00	21.04	PEAK
	5106.30	46.49	4.67	V	51.16	-44.04	-25.00	19.04	PEAK
	5957.35	40.64	6.43	V	47.07	-48.13	-25.00	23.13	PEAK
	6808.40	40.43	9.43	V	49.86	-45.34	-25.00	20.34	PEAK
	7659.45	38.52	12.01	H	50.53	-44.67	-25.00	19.67	PEAK
	8510.50	38.55	13.73	H	52.28	-42.92	-25.00	17.92	PEAK

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dBμV/m)	Factor (dB)	Pol	E (dBμV/m)	Result (dBm)	Limit (dBm)	Margin (dB)	Detector
868.95	1737.90	56.42	-11.62	V	44.80	-50.40	-25.00	25.40	PEAK
	2606.85	52.82	-5.88	V	46.94	-48.26	-25.00	23.26	PEAK
	3475.80	44.12	-2.43	V	41.69	-53.51	-25.00	28.51	PEAK
	4344.75	42.18	1.82	H	44.00	-51.20	-25.00	26.20	PEAK
	5213.70	42.12	4.62	H	46.74	-48.46	-25.00	23.46	PEAK
	6082.65	40.76	6.37	H	47.13	-48.07	-25.00	23.07	PEAK
	6951.60	40.32	9.95	V	50.27	-44.93	-25.00	19.93	PEAK
	7820.55	40.31	12.54	V	52.85	-42.35	-25.00	17.35	PEAK
	8689.50	37.09	14.50	V	51.59	-43.61	-25.00	18.61	PEAK

For operations in the 769-775 MHz, 799-805 MHz (FCC) and 768-776 MHz, 798-806 MHz (ISED) bands, all emissions including harmonics in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

Test Frequency (MHz)	Frequency (MHz)	Meas. Value (dB μ V/m)	Factor (dB)	Pol	E (dB μ V/m)	Result (dBm)	Limit (dBm)	Margin (dB)
769.05	1559 - 1610	50.12	-12.06	V	38.06	-57.14	-50.00	7.14

Note:

- -70 dBW/MHz(Wideband signals) = -40 dBm
 -80 dBW(Narrowband signals) = -50 dBm
- All test frequency were investigated and the worst case results are reported.
- Worst case: 769.05MHz(16K0F3E)
- The narrowband limit was applied because the spurious emission was not found.

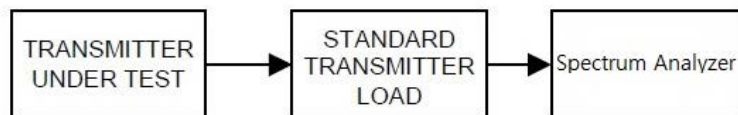
8.10 Adjacent Channel Power

▣ Definition

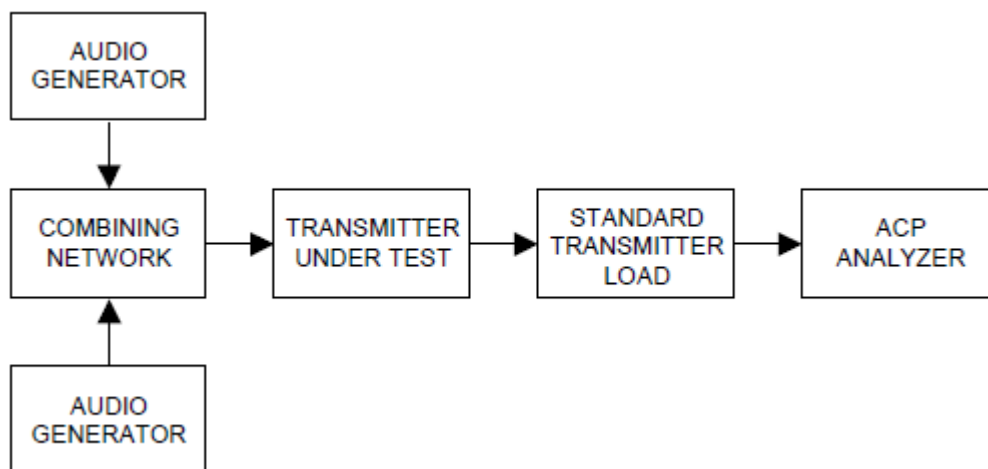
Transmitters designed to operate in 769-775 MHz, 799-805 MHz (FCC) and 768-776 MHz, 798-806 MHz (ISED) frequency bands must meet the adjacent channel power.

The adjacent channel power (ACP) requirements for transmitters designed for various channel sizes are shown in the § 90.543(a) & RSS-119 5.8.9.

▣ Test Configuration



FM Modulation: According to 2.2.14 in TIA-603-E Standard.



■ Test Procedure

According to § 90.543 (b) Standard.

For all measurements modulate the transmitter as it would be modulated in normal operating conditions. The ACP measurements may be made with a spectrum analyzer capable of making direct ACP measurements. “Measurement bandwidth”, as used for non-swept measurements, implies an instrument that measures the power in many narrow bandwidths equal to the nominal resolution bandwidth and integrates these powers to determine the total power in the specified measurement bandwidth.

Setting reference level. Set transmitter to maximum output power. Using a spectrum analyzer capable of ACP measurements, set the measurement bandwidth to the channel size. For example, for a 6.25 kHz transmitter set the measurement bandwidth to 6.25 kHz. Set the frequency offset of the measurement bandwidth to zero and adjust the center frequency of the instrument to the assigned center frequency to measure the average power level of the transmitter. Record this power level in dBm as the “reference power level.”

Non-swept power measurement. Using a spectrum analyzer capable of ACP measurements, set the measurement bandwidth and frequency offset from the assigned center frequency as shown in the tables in § 90.543 (a) above. Any value of resolution bandwidth may be used as long as it does not exceed 2 percent of the specified measurement bandwidth. Measure the power level in dBm. These measurements should be made at maximum power. Calculate ACP by subtracting the reference power level measured in (b)(1) from the measurements made in this step. The absolute value of the calculated ACP must be greater than or equal to the absolute value of the ACP given in the table for each condition above

Swept power measurement. Set a spectrum analyzer to 30 kHz resolution bandwidth, 1 MHz video bandwidth and average, sample, or RMS detection. Set the reference level of the spectrum analyzer to the RMS value of the transmitter power. Sweep above and below the carrier frequency to the limits defined in the tables. Calculate ACP by subtracting the reference power level measured in (b)(1) from the measurements made in this step. The absolute value of the calculated ACP must be greater than or equal to the absolute value of the ACP given in the table for each condition above.

■ Note

1. 769-775MHz(FCC) & 768-776MHz(ISED): This transmit frequency does not have a paired receive band.
2. 799-805MHz(FCC) & 798-806MHz(ISED): Paired receive bands are only measured for noise floor level.

(Maximum ACP: -105 dBc)

TEST RESULTS

Type of Emission: 16K0F3E

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
High	768.05	15.625	6.25	-77.58	-77.24	-40
		21.875	6.25	-81.01	-82.50	-60
		37.5	25	-79.82	-79.82	-60
		62.5	25	-82.42	-82.50	-65
		87.5	25	-83.02	-82.96	-65
		150	100	-75.01	-74.89	-65
		250	100	-77.18	-77.17	-65
		350	100	-78.56	-78.30	-65
		>400 to 12000	30 (s)	-84.22	-84.48	-75
	769.05	15.625	6.25	-76.55	-79.12	-40
		21.875	6.25	-81.76	-81.97	-60
		37.5	25	-79.88	-79.96	-60
		62.5	25	-82.40	-82.34	-65
		87.5	25	-82.76	-82.97	-65
		150	100	-75.00	-74.97	-65
		250	100	-77.10	-77.13	-65
		350	100	-78.47	-78.28	-65
		>400 to 12000	30 (s)	-82.98	-83.39	-75
	774.95	15.625	6.25	-77.89	-75.83	-40
		21.875	6.25	-81.30	-80.40	-60
		37.5	25	-79.53	-79.39	-60
		62.5	25	-81.71	-81.95	-65
		87.5	25	-82.18	-82.14	-65
		150	100	-74.74	-74.94	-65
		250	100	-77.11	-76.99	-65
		350	100	-78.31	-78.32	-65
		>400 to 12000	30 (s)	-83.86	-83.26	-75

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
High	775.95	15.625	6.25	-77.57	-77.44	-40
		21.875	6.25	-82.00	-81.16	-60
		37.5	25	-79.45	-79.56	-60
		62.5	25	-81.73	-81.79	-65
		87.5	25	-82.15	-82.15	-65
		150	100	-74.89	-74.92	-65
		250	100	-77.09	-77.04	-65
		350	100	-78.44	-78.28	-65
		>400 to 12000	30 (s)	-82.60	-82.81	-75
	798.05	15.625	6.25	-79.17	-78.05	-40
		21.875	6.25	-81.46	-81.78	-60
		37.5	25	-79.95	-80.03	-60
		62.5	25	-82.52	-82.55	-65
		87.5	25	-83.10	-82.93	-65
		150	100	-74.88	-75.00	-65
		250	100	-77.25	-77.33	-65
		350	100	-78.49	-78.47	-65
		>400 to 12000	30 (s)	-83.37	-82.64	-75
	799.05	15.625	6.25	-78.57	-76.92	-40
		21.875	6.25	-81.98	-81.98	-60
		37.5	25	-80.11	-79.97	-60
		62.5	25	-82.39	-82.41	-65
		87.5	25	-83.01	-82.81	-65
		150	100	-74.98	-75.12	-65
		250	100	-77.42	-77.29	-65
		350	100	-78.60	-78.56	-65
		>400 to 12000	30 (s)	-83.49	-83.61	-75

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
High	804.95	15.625	6.25	-76.49	-77.57	-40
		21.875	6.25	-81.41	-82.10	-60
		37.5	25	-79.98	-80.09	-60
		62.5	25	-82.47	-82.40	-65
		87.5	25	-82.89	-82.79	-65
		150	100	-74.90	-74.96	-65
		250	100	-77.21	-77.21	-65
		350	100	-78.60	-78.49	-65
		>400 to 12000	30 (s)	-83.76	-83.57	-75
	805.95	15.625	6.25	-79.11	-77.35	-40
		21.875	6.25	-81.89	-82.52	-60
		37.5	25	-79.90	-80.10	-60
		62.5	25	-82.46	-82.52	-65
		87.5	25	-82.77	-82.81	-65
		150	100	-75.08	-75.16	-65
		250	100	-77.29	-77.18	-65
		350	100	-78.58	-78.55	-65
		>400 to 12000	30 (s)	-83.14	-83.26	-75

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
Low	768.05	15.625	6.25	-75.33	-74.80	-40
		21.875	6.25	-76.90	-76.22	-60
		37.5	25	-72.89	-72.98	-60
		62.5	25	-73.83	-73.88	-65
		87.5	25	-73.97	-73.85	-65
		150	100	-67.72	-67.52	-65
		250	100	-67.88	-67.83	-65
		350	100	-68.09	-68.12	-65
		>400 to 12000	30 (s)	-81.64	-81.60	-75
	769.05	15.625	6.25	-75.37	-74.93	-40
		21.875	6.25	-76.59	-78.01	-60
		37.5	25	-73.05	-72.85	-60
		62.5	25	-73.71	-73.87	-65
		87.5	25	-73.85	-73.91	-65
		150	100	-67.57	-67.56	-65
		250	100	-67.99	-67.82	-65
		350	100	-67.98	-68.07	-65
		>400 to 12000	30 (s)	-82.06	-81.77	-75
	774.95	15.625	6.25	-75.15	-74.79	-40
		21.875	6.25	-77.02	-77.28	-60
		37.5	25	-72.86	-72.92	-60
		62.5	25	-73.68	-73.65	-65
		87.5	25	-73.88	-73.81	-65
		150	100	-67.49	-67.46	-65
		250	100	-67.89	-67.87	-65
		350	100	-68.03	-68.18	-65
		>400 to 12000	30 (s)	-81.24	-81.23	-75

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
Low	775.95	15.625	6.25	-75.42	-75.30	-40
		21.875	6.25	-76.78	-75.66	-60
		37.5	25	-72.88	-73.00	-60
		62.5	25	-73.61	-73.59	-65
		87.5	25	-73.89	-73.79	-65
		150	100	-67.47	-67.49	-65
		250	100	-67.89	-67.91	-65
		350	100	-67.89	-68.04	-65
		>400 to 12000	30 (s)	-81.50	-81.44	-75
	798.05	15.625	6.25	-74.97	-75.16	-40
		21.875	6.25	-76.79	-77.89	-60
		37.5	25	-72.94	-72.83	-60
		62.5	25	-73.44	-73.48	-65
		87.5	25	-73.69	-73.68	-65
		150	100	-67.43	-67.27	-65
		250	100	-67.68	-67.72	-65
		350	100	-67.76	-67.84	-65
		>400 to 12000	30 (s)	-82.11	-82.43	-75
	799.05	15.625	6.25	-74.41	-74.79	-40
		21.875	6.25	-78.07	-77.88	-60
		37.5	25	-72.76	-72.70	-60
		62.5	25	-73.53	-73.52	-65
		87.5	25	-73.55	-73.59	-65
		150	100	-67.36	-67.12	-65
		250	100	-67.56	-67.69	-65
		350	100	-67.65	-67.81	-65
		>400 to 12000	30 (s)	-81.15	-81.17	-75

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
Low	804.95	15.625	6.25	-74.71	-74.41	-40
		21.875	6.25	-76.95	-77.37	-60
		37.5	25	-72.77	-72.88	-60
		62.5	25	-73.42	-73.29	-65
		87.5	25	-73.57	-73.40	-65
		150	100	-67.22	-67.13	-65
		250	100	-67.54	-67.53	-65
		350	100	-67.57	-67.63	-65
		>400 to 12000	30 (s)	-81.39	-81.32	-75
	805.95	15.625	6.25	-75.53	-75.05	-40
		21.875	6.25	-76.32	-77.12	-60
		37.5	25	-72.69	-72.69	-60
		62.5	25	-73.22	-73.36	-65
		87.5	25	-73.37	-73.31	-65
		150	100	-67.08	-67.01	-65
		250	100	-67.31	-67.41	-65
		350	100	-67.43	-67.53	-65
		>400 to 12000	30 (s)	-79.99	-80.07	-75

Type of Emission: 11K0F3E

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
High	768.05	9.375	6.25	-71.40	-71.05	-40
		15.625	6.25	-79.28	-78.77	-60
		21.875	6.25	-80.15	-82.55	-60
		37.5	25	-80.23	-80.03	-60
		62.5	25	-82.61	-82.55	-65
		87.5	25	-82.88	-83.16	-65
		150	100	-74.63	-74.55	-65
		250	100	-76.98	-76.98	-65
		350	100	-78.44	-78.49	-65
		>400 to 12000	30 (s)	-83.35	-83.17	-75
	769.05	9.375	6.25	-71.38	-72.43	-40
		15.625	6.25	-78.48	-76.78	-60
		21.875	6.25	-81.88	-81.45	-60
		37.5	25	-80.02	-80.15	-60
		62.5	25	-82.49	-82.47	-65
		87.5	25	-82.88	-82.90	-65
		150	100	-74.68	-74.67	-65
		250	100	-77.10	-77.11	-65
		350	100	-78.48	-78.30	-65
		>400 to 12000	30 (s)	-83.21	-83.04	-75
	774.95	9.375	6.25	-72.33	-71.61	-40
		15.625	6.25	-78.53	-77.80	-60
		21.875	6.25	-82.40	-80.23	-60
		37.5	25	-79.81	-79.74	-60
		62.5	25	-81.95	-81.67	-65
		87.5	25	-82.17	-82.24	-65
		150	100	-74.60	-74.66	-65
		250	100	-77.04	-77.04	-65
		350	100	-78.25	-78.28	-65
		>400 to 12000	30 (s)	-83.37	-83.38	-75

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
High	775.95	9.375	6.25	-70.46	-69.16	-40
		15.625	6.25	-78.27	-76.85	-60
		21.875	6.25	-81.93	-81.64	-60
		37.5	25	-79.49	-79.67	-60
		62.5	25	-81.86	-81.93	-65
		87.5	25	-82.10	-82.22	-65
		150	100	-74.94	-74.81	-65
		250	100	-77.12	-77.22	-65
		350	100	-78.33	-78.30	-65
		>400 to 12000	30 (s)	-83.20	-83.24	-75
	798.05	9.375	6.25	-72.37	-70.75	-40
		15.625	6.25	-79.31	-78.77	-60
		21.875	6.25	-82.18	-82.23	-60
		37.5	25	-80.17	-80.20	-60
		62.5	25	-82.51	-82.50	-65
		87.5	25	-82.96	-82.88	-65
		150	100	-75.04	-74.87	-65
		250	100	-77.22	-77.18	-65
		350	100	-78.67	-78.53	-65
		>400 to 12000	30 (s)	-83.57	-83.60	-75
	799.05	9.375	6.25	-71.72	-72.62	-40
		15.625	6.25	-77.91	-77.78	-60
		21.875	6.25	-81.78	-82.57	-60
		37.5	25	-80.18	-80.09	-60
		62.5	25	-82.43	-82.51	-65
		87.5	25	-83.02	-82.97	-65
		150	100	-75.16	-75.16	-65
		250	100	-77.22	-77.39	-65
		350	100	-78.59	-78.54	-65
		>400 to 12000	30 (s)	-83.71	-83.60	-75

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
High	804.95	9.375	6.25	-71.98	-72.27	-40
		15.625	6.25	-78.90	-78.47	-60
		21.875	6.25	-84.06	-81.23	-60
		37.5	25	-80.17	-80.17	-60
		62.5	25	-82.45	-82.19	-65
		87.5	25	-82.75	-82.90	-65
		150	100	-75.15	-74.92	-65
		250	100	-77.21	-77.23	-65
		350	100	-78.57	-78.53	-65
		>400 to 12000	30 (s)	-83.15	-83.36	-75
	805.95	9.375	6.25	-72.33	-71.00	-40
		15.625	6.25	-78.49	-79.16	-60
		21.875	6.25	-82.40	-81.30	-60
		37.5	25	-80.14	-80.19	-60
		62.5	25	-82.39	-82.43	-65
		87.5	25	-82.79	-82.97	-65
		150	100	-75.12	-75.14	-65
		250	100	-77.25	-77.25	-65
		350	100	-78.54	-78.40	-65
		>400 to 12000	30 (s)	-83.54	-83.36	-75

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
Low	768.05	9.375	6.25	-71.05	-71.48	-40
		15.625	6.25	-76.37	-76.13	-60
		21.875	6.25	-77.74	-76.39	-60
		37.5	25	-73.14	-73.10	-60
		62.5	25	-73.82	-73.78	-65
		87.5	25	-73.99	-73.99	-65
		150	100	-67.56	-67.62	-65
		250	100	-67.95	-67.98	-65
		350	100	-68.11	-68.22	-65
		>400 to 12000	30 (s)	-80.98	-81.36	-75
	769.05	9.375	6.25	-71.05	-70.52	-40
		15.625	6.25	-75.45	-75.41	-60
		21.875	6.25	-77.26	-77.17	-60
		37.5	25	-72.97	-73.09	-60
		62.5	25	-73.64	-73.91	-65
		87.5	25	-73.92	-73.86	-65
		150	100	-67.73	-67.64	-65
		250	100	-67.89	-68.03	-65
		350	100	-68.02	-68.20	-65
		>400 to 12000	30 (s)	-81.45	-81.46	-75
	774.95	9.375	6.25	-70.25	-70.74	-40
		15.625	6.25	-74.97	-74.67	-60
		21.875	6.25	-76.88	-76.93	-60
		37.5	25	-72.91	-73.00	-60
		62.5	25	-73.74	-73.61	-65
		87.5	25	-73.82	-73.78	-65
		150	100	-67.58	-67.51	-65
		250	100	-67.94	-67.96	-65
		350	100	-68.06	-68.22	-65
		>400 to 12000	30 (s)	-81.49	-81.44	-75

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
Low	775.95	9.375	6.25	-69.52	-69.96	-40
		15.625	6.25	-75.54	-75.84	-60
		21.875	6.25	-76.95	-77.85	-60
		37.5	25	-73.01	-73.03	-60
		62.5	25	-73.72	-73.70	-65
		87.5	25	-73.81	-73.91	-65
		150	100	-67.53	-67.50	-65
		250	100	-67.92	-67.99	-65
		350	100	-68.01	-68.15	-65
		>400 to 12000	30 (s)	-81.64	-81.52	-75
	798.05	9.375	6.25	-71.52	-69.76	-40
		15.625	6.25	-75.81	-74.66	-60
		21.875	6.25	-77.15	-77.45	-60
		37.5	25	-72.95	-72.89	-60
		62.5	25	-73.62	-73.73	-65
		87.5	25	-73.64	-73.51	-65
		150	100	-67.51	-67.33	-65
		250	100	-67.89	-67.67	-65
		350	100	-67.79	-67.94	-65
		>400 to 12000	30 (s)	-81.70	-81.55	-75
	799.05	9.375	6.25	-71.36	-70.10	-40
		15.625	6.25	-76.27	-76.20	-60
		21.875	6.25	-78.66	-76.93	-60
		37.5	25	-72.93	-72.86	-60
		62.5	25	-73.51	-73.41	-65
		87.5	25	-73.78	-73.68	-65
		150	100	-67.25	-67.30	-65
		250	100	-67.69	-67.71	-65
		350	100	-67.69	-67.85	-65
		>400 to 12000	30 (s)	-81.29	-81.52	-75

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
Low	804.95	9.375	6.25	-71.40	-66.90	-40
		15.625	6.25	-75.10	-74.17	-60
		21.875	6.25	-77.21	-78.45	-60
		37.5	25	-72.68	-72.72	-60
		62.5	25	-73.28	-73.50	-65
		87.5	25	-73.43	-73.41	-65
		150	100	-67.15	-67.04	-65
		250	100	-67.48	-67.70	-65
		350	100	-67.47	-67.64	-65
		>400 to 12000	30 (s)	-81.65	-81.73	-75
	805.95	9.375	6.25	-70.89	-71.90	-40
		15.625	6.25	-75.00	-75.70	-60
		21.875	6.25	-77.40	-76.81	-60
		37.5	25	-72.44	-72.67	-60
		62.5	25	-73.31	-73.32	-65
		87.5	25	-73.26	-73.32	-65
		150	100	-67.13	-67.08	-65
		250	100	-67.45	-67.51	-65
		350	100	-67.56	-67.69	-65
		>400 to 12000	30 (s)	-80.98	-80.84	-75

Type of Emission: 8K10F1W

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
High	768.05	9.375	6.25	-41.31	-41.63	-40
		15.625	6.25	-76.96	-76.72	-60
		21.875	6.25	-81.74	-81.55	-60
		37.5	25	-80.68	-80.81	-60
		62.5	25	-84.25	-84.38	-65
		87.5	25	-84.84	-85.07	-65
		150	100	-78.52	-78.68	-65
		250	100	-81.72	-81.92	-65
		350	100	-83.83	-84.10	-65
		>400 to 12000	30 (s)	-87.60	-88.55	-75
	769.05	9.375	6.25	-43.03	-43.59	-40
		15.625	6.25	-78.95	-78.08	-60
		21.875	6.25	-81.27	-80.32	-60
		37.5	25	-81.35	-81.57	-60
		62.5	25	-85.01	-84.96	-65
		87.5	25	-85.49	-85.50	-65
		150	100	-78.56	-78.58	-65
		250	100	-81.77	-81.82	-65
		350	100	-83.63	-83.73	-65
		>400 to 12000	30 (s)	-87.87	-87.82	-75
	774.95	9.375	6.25	-46.41	-42.76	-40
		15.625	6.25	-76.76	-78.59	-60
		21.875	6.25	-81.09	-81.11	-60
		37.5	25	-80.85	-80.69	-60
		62.5	25	-83.94	-83.89	-65
		87.5	25	-84.24	-84.51	-65
		150	100	-80.14	-80.04	-65
		250	100	-84.26	-84.32	-65
		350	100	-85.14	-85.06	-65
		>400 to 12000	30 (s)	-86.85	-86.67	-75

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
High	775.95	9.375	6.25	-42.32	-43.43	-40
		15.625	6.25	-78.40	-78.02	-60
		21.875	6.25	-81.19	-81.13	-60
		37.5	25	-80.40	-80.66	-60
		62.5	25	-84.06	-83.96	-65
		87.5	25	-84.19	-84.39	-65
		150	100	-79.56	-79.41	-65
		250	100	-83.61	-83.30	-65
		350	100	-84.13	-84.52	-65
		>400 to 12000	30 (s)	-84.36	-87.08	-75
	798.05	9.375	6.25	-44.44	-43.17	-40
		15.625	6.25	-80.52	-77.70	-60
		21.875	6.25	-84.27	-82.73	-60
		37.5	25	-81.73	-81.73	-60
		62.5	25	-84.87	-84.91	-65
		87.5	25	-85.65	-85.61	-65
		150	100	-78.65	-78.55	-65
		250	100	-81.86	-81.74	-65
		350	100	-83.85	-83.86	-65
		>400 to 12000	30 (s)	-89.09	-89.58	-75
	799.05	9.375	6.25	-42.70	-41.74	-40
		15.625	6.25	-78.68	-78.22	-60
		21.875	6.25	-81.59	-81.18	-60
		37.5	25	-81.23	-81.47	-60
		62.5	25	-85.09	-84.74	-65
		87.5	25	-85.86	-85.38	-65
		150	100	-79.29	-79.57	-65
		250	100	-83.33	-83.71	-65
		350	100	-84.60	-84.01	-65
		>400 to 12000	30 (s)	-86.84	-85.84	-75

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
High	804.95	9.375	6.25	-44.04	-43.99	-40
		15.625	6.25	-79.00	-80.56	-60
		21.875	6.25	-83.36	-81.69	-60
		37.5	25	-81.43	-81.67	-60
		62.5	25	-85.01	-84.78	-65
		87.5	25	-85.41	-85.51	-65
		150	100	-78.56	-78.47	-65
		250	100	-81.77	-81.90	-65
		350	100	-84.02	-83.59	-65
		>400 to 12000	30 (s)	-88.44	-88.65	-75
	805.95	9.375	6.25	-43.43	-43.42	-40
		15.625	6.25	-80.74	-78.17	-60
		21.875	6.25	-83.25	-83.60	-60
		37.5	25	-81.49	-81.61	-60
		62.5	25	-84.84	-84.69	-65
		87.5	25	-85.35	-85.59	-65
		150	100	-78.37	-78.20	-65
		250	100	-81.60	-81.37	-65
		350	100	-83.49	-83.62	-65
		>400 to 12000	30 (s)	-87.95	-87.79	-75

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
Low	768.05	9.375	6.25	-45.88	-42.30	-40
		15.625	6.25	-76.58	-76.47	-60
		21.875	6.25	-79.14	-79.70	-60
		37.5	25	-76.78	-76.82	-60
		62.5	25	-79.10	-79.12	-65
		87.5	25	-79.20	-79.03	-65
		150	100	-73.33	-73.45	-65
		250	100	-74.06	-73.89	-65
		350	100	-74.28	-74.50	-65
		>400 to 12000	30 (s)	-87.12	-86.74	-75
	769.05	9.375	6.25	-42.81	-42.33	-40
		15.625	6.25	-76.62	-76.17	-60
		21.875	6.25	-78.34	-77.52	-60
		37.5	25	-76.95	-76.97	-60
		62.5	25	-78.71	-79.09	-65
		87.5	25	-78.91	-79.14	-65
		150	100	-73.14	-73.39	-65
		250	100	-74.01	-73.93	-65
		350	100	-74.06	-74.54	-65
		>400 to 12000	30 (s)	-87.32	-86.75	-75
	774.95	9.375	6.25	-41.75	-44.31	-40
		15.625	6.25	-74.07	-73.70	-60
		21.875	6.25	-75.25	-75.58	-60
		37.5	25	-77.44	-77.24	-60
		62.5	25	-78.92	-78.85	-65
		87.5	25	-79.06	-78.77	-65
		150	100	-73.63	-73.52	-65
		250	100	-73.36	-73.76	-65
		350	100	-73.64	-74.03	-65
		>400 to 12000	30 (s)	-85.12	-85.06	-75

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
Low	775.95	9.375	6.25	-41.04	-43.54	-40
		15.625	6.25	-75.25	-73.41	-60
		21.875	6.25	-75.53	-75.63	-60
		37.5	25	-77.28	-77.46	-60
		62.5	25	-78.82	-78.93	-65
		87.5	25	-78.59	-79.27	-65
		150	100	-74.02	-73.59	-65
		250	100	-74.06	-74.06	-65
		350	100	-74.05	-74.43	-65
		>400 to 12000	30 (s)	-84.01	-84.20	-75
	798.05	9.375	6.25	-41.57	-42.93	-40
		15.625	6.25	-75.42	-76.12	-60
		21.875	6.25	-80.37	-80.17	-60
		37.5	25	-77.69	-77.63	-60
		62.5	25	-79.22	-79.15	-65
		87.5	25	-79.16	-79.48	-65
		150	100	-73.06	-73.56	-65
		250	100	-73.55	-73.67	-65
		350	100	-74.03	-74.42	-65
		>400 to 12000	30 (s)	-86.60	-86.13	-75
	799.05	9.375	6.25	-42.42	-42.55	-40
		15.625	6.25	-74.22	-73.73	-60
		21.875	6.25	-75.00	-75.62	-60
		37.5	25	-77.62	-78.03	-60
		62.5	25	-79.20	-79.04	-65
		87.5	25	-79.03	-79.28	-65
		150	100	-73.41	-73.38	-65
		250	100	-73.83	-73.91	-65
		350	100	-73.67	-73.89	-65
		>400 to 12000	30 (s)	-84.99	-83.88	-75

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
Low	804.95	9.375	6.25	-42.06	-41.16	-40
		15.625	6.25	-76.37	-76.27	-60
		21.875	6.25	-78.77	-80.65	-60
		37.5	25	-76.93	-77.01	-60
		62.5	25	-78.35	-78.57	-65
		87.5	25	-78.38	-78.54	-65
		150	100	-72.80	-72.57	-65
		250	100	-73.34	-73.82	-65
		350	100	-73.79	-73.73	-65
		>400 to 12000	30 (s)	-86.73	-86.36	-75
	805.95	9.375	6.25	-41.39	-41.52	-40
		15.625	6.25	-75.89	-76.56	-60
		21.875	6.25	-79.01	-80.67	-60
		37.5	25	-76.80	-77.11	-60
		62.5	25	-78.36	-78.20	-65
		87.5	25	-78.73	-78.72	-65
		150	100	-73.28	-72.82	-65
		250	100	-73.74	-73.86	-65
		350	100	-74.33	-74.26	-65
		>400 to 12000	30 (s)	-86.54	-86.94	-75

Type of Emission: 4K00F2D

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
High	768.05	6.25	6.25	-41.63	-41.69	-40
		12.5	6.25	-75.84	-75.99	-60
		18.75	6.25	-80.71	-80.71	-60
		25	6.25	-83.73	-83.89	-65
		37.5	25	-81.33	-81.26	-65
		62.5	25	-84.86	-84.68	-65
		87.5	25	-85.66	-85.54	-65
		150	100	-78.70	-78.54	-65
		250	100	-81.92	-81.82	-65
		350	100	-83.79	-83.85	-65
		>400 to 12000	30 (s)	-85.57	-85.36	-75
	769.05	6.25	6.25	-41.49	-41.78	-40
		12.5	6.25	-76.01	-75.99	-60
		18.75	6.25	-80.57	-80.66	-60
		25	6.25	-83.90	-83.98	-65
		37.5	25	-81.26	-81.35	-65
		62.5	25	-84.63	-84.93	-65
		87.5	25	-85.41	-85.49	-65
		150	100	-78.64	-78.41	-65
		250	100	-81.79	-81.46	-65
		350	100	-83.54	-83.80	-65
		>400 to 12000	30 (s)	-85.97	-86.16	-75
	774.95	6.25	6.25	-41.55	-41.92	-40
		12.5	6.25	-75.93	-75.96	-60
		18.75	6.25	-80.07	-80.29	-60
		25	6.25	-83.33	-83.44	-65
		37.5	25	-80.92	-80.73	-65
		62.5	25	-84.21	-83.98	-65
		87.5	25	-84.41	-84.55	-65
		150	100	-79.34	-79.40	-65
		250	100	-83.09	-83.17	-65
		350	100	-84.11	-84.47	-65
		>400 to 12000	30 (s)	-82.76	-83.60	-75

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
High	775.95	6.25	6.25	-41.60	-41.85	-40
		12.5	6.25	-75.70	-75.68	-60
		18.75	6.25	-78.87	-78.88	-60
		25	6.25	-83.56	-83.64	-65
		37.5	25	-80.70	-80.46	-65
		62.5	25	-83.69	-83.83	-65
		87.5	25	-84.09	-84.09	-65
		150	100	-79.43	-79.18	-65
		250	100	-82.76	-82.93	-65
		350	100	-83.84	-84.32	-65
		>400 to 12000	30 (s)	-83.61	-82.84	-75
	798.05	6.25	6.25	-41.77	-41.62	-40
		12.5	6.25	-76.11	-76.14	-60
		18.75	6.25	-80.87	-80.86	-60
		25	6.25	-84.15	-84.32	-65
		37.5	25	-81.29	-81.36	-65
		62.5	25	-84.51	-84.57	-65
		87.5	25	-85.45	-85.25	-65
		150	100	-78.41	-78.42	-65
		250	100	-81.91	-81.67	-65
		350	100	-83.93	-83.64	-65
		>400 to 12000	30 (s)	-86.44	-85.84	-75
	799.05	6.25	6.25	-41.64	-41.79	-40
		12.5	6.25	-75.98	-75.98	-60
		18.75	6.25	-80.79	-80.73	-60
		25	6.25	-84.27	-84.08	-65
		37.5	25	-81.34	-81.44	-65
		62.5	25	-84.69	-84.94	-65
		87.5	25	-85.53	-85.84	-65
		150	100	-79.27	-79.38	-65
		250	100	-83.46	-83.37	-65
		350	100	-84.19	-84.04	-65
		>400 to 12000	30 (s)	-83.71	-84.23	-75

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
High	804.95	6.25	6.25	-41.69	-41.67	-40
		12.5	6.25	-76.25	-76.17	-60
		18.75	6.25	-80.86	-80.91	-60
		25	6.25	-84.13	-84.21	-65
		37.5	25	-81.31	-81.39	-65
		62.5	25	-84.65	-84.45	-65
		87.5	25	-85.43	-85.44	-65
		150	100	-78.60	-78.62	-65
		250	100	-81.73	-81.68	-65
		350	100	-83.63	-83.90	-65
		>400 to 12000	30 (s)	-86.28	-86.00	-75
	805.95	6.25	6.25	-41.79	-41.61	-40
		12.5	6.25	-76.18	-76.23	-60
		18.75	6.25	-80.80	-80.88	-60
		25	6.25	-84.12	-84.10	-65
		37.5	25	-81.22	-81.28	-65
		62.5	25	-84.57	-84.61	-65
		87.5	25	-85.23	-85.36	-65
		150	100	-78.68	-78.55	-65
		250	100	-81.94	-81.79	-65
		350	100	-83.80	-83.55	-65
		>400 to 12000	30 (s)	-85.83	-86.31	-75

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
Low	768.05	6.25	6.25	-41.63	-41.69	-40
		12.5	6.25	-75.02	-74.82	-60
		18.75	6.25	-78.15	-78.08	-60
		25	6.25	-80.41	-80.09	-65
		37.5	25	-77.18	-77.32	-65
		62.5	25	-78.63	-78.88	-65
		87.5	25	-79.11	-78.91	-65
		150	100	-73.25	-72.70	-65
		250	100	-73.92	-73.88	-65
		350	100	-74.07	-74.38	-65
		>400 to 12000	30 (s)	-83.82	-83.97	-75
	769.05	6.25	6.25	-41.62	-41.71	-40
		12.5	6.25	-75.01	-74.87	-60
		18.75	6.25	-78.02	-78.06	-60
		25	6.25	-80.18	-80.16	-65
		37.5	25	-76.96	-77.38	-65
		62.5	25	-79.01	-78.70	-65
		87.5	25	-78.96	-79.22	-65
		150	100	-73.15	-73.10	-65
		250	100	-73.50	-73.73	-65
		350	100	-74.13	-74.31	-65
		>400 to 12000	30 (s)	-83.35	-83.76	-75
	774.95	6.25	6.25	-41.68	-41.73	-40
		12.5	6.25	-75.08	-75.01	-60
		18.75	6.25	-78.89	-78.51	-60
		25	6.25	-81.70	-81.91	-65
		37.5	25	-77.47	-77.57	-65
		62.5	25	-78.85	-78.62	-65
		87.5	25	-78.51	-79.23	-65
		150	100	-73.54	-73.43	-65
		250	100	-73.93	-73.75	-65
		350	100	-73.66	-74.09	-65
		>400 to 12000	30 (s)	-82.93	-82.52	-75

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
Low	775.95	6.25	6.25	-41.64	-41.80	-40
		12.5	6.25	-75.13	-75.15	-60
		18.75	6.25	-77.48	-77.33	-60
		25	6.25	-81.79	-81.57	-65
		37.5	25	-77.34	-77.59	-65
		62.5	25	-78.80	-78.84	-65
		87.5	25	-78.72	-79.31	-65
		150	100	-73.47	-73.19	-65
		250	100	-73.96	-74.05	-65
		350	100	-73.52	-74.07	-65
		>400 to 12000	30 (s)	-81.62	-81.50	-75
	798.05	6.25	6.25	-41.72	-41.69	-40
		12.5	6.25	-75.07	-75.04	-60
		18.75	6.25	-78.41	-78.31	-60
		25	6.25	-80.36	-80.37	-65
		37.5	25	-77.34	-77.70	-65
		62.5	25	-79.08	-78.95	-65
		87.5	25	-79.19	-79.24	-65
		150	100	-73.47	-73.34	-65
		250	100	-73.79	-74.03	-65
		350	100	-74.49	-74.01	-65
		>400 to 12000	30 (s)	-84.13	-84.12	-75
	799.05	6.25	6.25	-41.58	-41.86	-40
		12.5	6.25	-75.56	-75.31	-60
		18.75	6.25	-78.91	-78.99	-60
		25	6.25	-81.65	-81.72	-65
		37.5	25	-77.69	-77.32	-65
		62.5	25	-79.26	-79.14	-65
		87.5	25	-78.74	-79.10	-65
		150	100	-73.39	-73.30	-65
		250	100	-73.41	-73.50	-65
		350	100	-73.72	-74.05	-65
		>400 to 12000	30 (s)	-80.87	-82.11	-75

Power Setting	Test Freq (MHz)	Offset from center frequency (kHz)	Mea. BW (kHz)	Lower (dBc)	Upper (dBc)	Limit (dBc)
Low	804.95	6.25	6.25	-41.97	-41.51	-40
		12.5	6.25	-75.06	-75.12	-60
		18.75	6.25	-78.33	-78.14	-60
		25	6.25	-80.39	-80.55	-65
		37.5	25	-77.29	-77.34	-65
		62.5	25	-78.75	-78.73	-65
		87.5	25	-78.92	-79.19	-65
		150	100	-73.35	-73.53	-65
		250	100	-74.19	-74.22	-65
		350	100	-74.02	-73.97	-65
		>400 to 12000	30 (s)	-83.40	-83.19	-75
	805.95	6.25	6.25	-41.87	-41.58	-40
		12.5	6.25	-75.02	-75.03	-60
		18.75	6.25	-78.51	-78.20	-60
		25	6.25	-80.41	-80.41	-65
		37.5	25	-77.05	-77.36	-65
		62.5	25	-78.55	-78.65	-65
		87.5	25	-78.92	-78.73	-65
		150	100	-73.17	-73.34	-65
		250	100	-73.72	-73.94	-65
		350	100	-74.08	-74.07	-65
		>400 to 12000	30 (s)	-83.52	-83.12	-75

8.11 Unwanted Emissions : Receiver Radiated Spurious Emission

Test Settings

ISED Rule(s)	RSS-Gen(7.0)
Chamber	Semi Anechoic Chamber
Operating conditions:	Under normal test conditions
Operation Mode:	Receive
Method of testing:	Radiated
S/A. Settings:	F < 1 GHz: RBW: 120 kHz, VBW: 300 kHz (Quasi-Peak) F > 1 GHz: RBW: 1 MHz, VBW: 1 MHz (Average)
Mode of operation:	Receive

Test Limit

Frequency (MHz)	Field Strength ($\mu\text{V}/\text{m}$ at 3 meters)
30 – 88	100
88 - 216	150
216 – 960	200
Above 960	500

Test Result

Frequency Range : 30 MHz ~ 1 GHz

Frequency	Reading	Ant. factor+Cable loss- Amp Gain	Ant. POL	Total	Limit	Margin
MHz	dB μV	dB /m	(H/V)	dB $\mu\text{V}/\text{m}$	dB $\mu\text{V}/\text{m}$	dB

No Peak Found

Frequency Range : Above 1 GHz

Frequency	Reading	Ant. factor+Cable loss- Amp Gain	Ant. POL	Total	Limit	Margin
MHz	dB μV	dB /m	(H/V)	dB $\mu\text{V}/\text{m}$	dB $\mu\text{V}/\text{m}$	dB

No Peak Found

8.12 Necessary Bandwidth Calculations

Modulation : 16K0F3E	
Maximum Modulation (M), kHz	3
Maximum Deviation (D), kHz	5
Constant Factor (K)	1
Necessary Bandwidth (BN), kHz	$(2 \times M) + (2 \times D \times K) = 16.0$
Modulation : 14K0F3E	
Maximum Modulation (M), kHz	3
Maximum Deviation (D), kHz	4
Constant Factor (K)	1
Necessary Bandwidth (BN), kHz	$(2 \times M) + (2 \times D \times K) = 14.0$
Modulation : 11K0F3E	
Maximum Modulation (M), kHz	3
Maximum Deviation (D), kHz	2.5
Constant Factor (K)	1
Necessary Bandwidth (BN), kHz	$(2 \times M) + (2 \times D \times K) = 11.0$
Modulation : 8K30F1E, 8K30F1D, 8K30F7W	
Digital information rate (R), bps	9600
Maximum Deviation (D), kHz	3.391
Signaling States (S)	4
Numerical factor (K)	0.516
Necessary Bandwidth (BN), kHz	$(R / \log_2 S) + 2DK = 8.3$
Modulation : 7K60FXD, 7K60FXE 7K60F1E, 7K60F1D, 7K60F1W, 7K60FXW	
Digital information rate (R), bps	9600
Maximum Deviation (D), kHz	3.024
Signaling States (S)	4
Numerical factor (K)	0.463
Necessary Bandwidth (BN), kHz	$(R / \log_2 S) + 2DK = 7.6$
Modulation : 4K00F1E, 4K00F1D, 4K00F7W	
Digital information rate (R), bps	4800
Maximum Deviation (D), kHz	1.55
Signaling States (S)	4
Numerical factor (K)	0.516
Necessary Bandwidth (BN), kHz	$(R / \log_2 S) + 2DK = 4.0$
Modulation : 4K00F2D	
Maximum Modulation (M), kHz	0.8
Maximum Deviation (D), kHz	1.2
Numerical factor (K)	1
Necessary Bandwidth (BN), kHz	$(2 \times M) + (2 \times D \times K) = 4.0$

Modulation: 8K10F1E, 8K10F1D

The 99% energy rule was used for digital mode and is more accurate than Carson's rule.

It basically states that 99% of the modulation energy falls within X kHz, in this case, 8.10 kHz. Measurements were performed in accordance with TIA/EIA TSB102.CAAB Section 2.2.5.2.

The emission mask was obtained from 47CFR 90.210(d).

F1E, F1D portion of the designator indicates digital voice and digital .

Therefore, the entire designator for 12.5 kHz channelization is 8K10F1E, 8K10F1D.

Modulation: 8K10F1W

The 99% energy rule was used for digital mode and is more accurate than Carson's rule.

It basically states that 99% of the modulation energy falls within X kHz, in this case, 8.10 kHz. Measurements were performed in accordance with TIA/EIA TSB102.CAAB Section 2.2.5.2.

The emission mask was obtained from 47CFR 90.210(d).

F1W portion of the designator indicates digital TDMA. .

Therefore, the entire designator for 12.5 kHz channelization digital TDMA is 8K10F1W.

9. LIST OF TEST EQUIPMENT

Manufacturer	Model / Equipment	Calibration Date	Calibration Interval	Calibration Due	Serial No.
Agilent	N9030A / Signal Analyzer	2024-02-20	Annual	2025-02-20	MY49432108
REOHDE & SCHWARZ	FSV / Signal Analyzer	2024-05-09	Annual	2025-05-09	101055
ODA	EX 60-40/ DC Power Supply	2024-02-23	Annual	2025-02-23	ODA-02-0923-01606
Agilent	N1911A/ Power Meter	2024-02-28	Annual	2025-02-28	MY45100523
Agilent	N1921A / POWER SENSOR	2024-02-22	Annual	2025-02-22	MY57820067
Hewlett Packard	11667B/ Power Splitter	2024-02-06	Annual	2025-02-06	10545
TEKTRONIX	RSA3408A/ Signal Analyzer	2023-08-18	Annual	2024-08-18	B010198
Hewlett Packard	8903B/ Audio Analyzer	2023-08-25	Annual	2024-08-25	3413A13913
REOHDE & SCHWARZ	UPV / Audio Analyzer	2024-01-12	Annual	2025-01-12	100484
Hewlett Packard	8901B /Modulation Analyzer	2023-08-29	Annual	2024-08-29	3438A05231
API Weinschel, Inc.	67-30-33/ 30 dB Attenuator	2024-05-03	Annual	2025-05-03	CL4341
API Weinschel, Inc.	67-30-33/ 30 dB Attenuator	2024-05-03	Annual	2025-05-03	CL4338
API Weinschel, Inc.	67-30-33/ 30 dB Attenuator	2024-05-03	Annual	2025-05-03	CL4339
ESPEC	SU-642/ Chamber	2024-02-19	Annual	2025-02-19	93008124
Innco system	CO3000/ Controller	N/A	N/A	N/A	CO3000-4p
Innco system	MA4640/800-XP-EP/ Antenna Position Tower	2024-08-30	Annual	2025-08-03	S1AM
Innco system	DS2000-S-1t/ Turn Table	N/A	N/A	N/A	DS2000/572/546 10422/P
T&M system	FMSR-05B/ RF Switching System	2024-01-02	Annual	2025-01-02	S1L1
T&M system	FMSR-05B/ RF Switching System	2024-01-02	Annual	2025-01-02	S1L2
T&M system	FMSR-05B/ RF Switching System	2024-01-02	Annual	2025-01-02	S1L3
T&M system	FMSR-05B/ RF Switching System	2024-01-02	Annual	2025-01-02	S1L4
T&M system	FMSR-05B/ RF Switching System	2024-01-02	Annual	2025-01-02	S1L5
T&M system	FMSR-05B/ RF Switching System	2024-01-02	Annual	2025-01-02	S1L6
Schwarzbeck	Hybrid Antenna	2022-08-16	Biennial	2024-08-16	9168-0895
Schwarzbeck	Horn Antenna	2024-01-03	Biennial	2026-01-03	9120D-1300
REOHDE & SCHWARZ	SMB100A/ SIGNAL GENERATOR	2023-06-22	Annual	2024-06-22	177633
Hewlett Packard	908A/50-Ohm Termination	N/A	N/A	N/A	N/A

Note:

1. The equipment with expired calibration during the test period was recalibrated before performing the tests.
2. All antenna for measurement is calibrated in accordance with the requirements of C63.5(Ver: 2017).

10. ANNEX A_ TEST SETUP PHOTO

Please refer to test setup photo file no. as follows;

No.	Description
1	HCT-RF-2406-FI008-P