



1GHz~25GHz

GFSK

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel:2402MHz									
V	4804.00	52.67	30.55	5.77	24.66	52.55	74	-21.45	Pk
V	4804.00	43.86	30.55	5.77	24.66	43.74	54	-10.26	AV
V	7206.00	54.11	30.33	6.32	24.55	54.65	74	-19.35	Pk
V	7206.00	43.38	30.33	6.32	24.55	43.92	54	-10.08	AV
V	9608.00	52.78	30.85	7.45	24.69	54.07	74	-19.93	Pk
V	9608.00	43.55	30.85	7.45	24.69	44.84	54	-9.16	AV
V	12010.00	54.16	31.02	8.99	25.57	57.70	74	-16.30	Pk
V	12010.00	45.10	31.02	8.99	25.57	48.64	54	-5.36	AV
H	4804.00	54.10	30.55	5.77	24.66	53.98	74	-20.02	Pk
H	4804.00	43.65	30.55	5.77	24.66	43.53	54	-10.47	AV
H	7206.00	52.55	30.33	6.32	24.55	53.09	74	-20.91	Pk
H	7206.00	42.99	30.33	6.32	24.55	43.53	54	-10.47	AV
H	9608.00	53.22	30.85	7.45	24.69	54.51	74	-19.49	Pk
H	9608.00	43.79	30.85	7.45	24.69	45.08	54	-8.92	AV
H	12010.00	52.04	31.02	8.99	25.57	55.58	74	-18.42	Pk
H	12010.00	42.26	31.02	8.99	25.57	45.80	54	-8.20	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Middle Channel:2441MHz									
V	4882.00	54.37	30.55	5.77	24.66	54.25	74	-19.75	Pk
V	4882.00	44.03	30.55	5.77	24.66	43.91	54	-10.09	AV
V	7323.00	51.89	30.33	6.32	24.55	52.43	74	-21.57	Pk
V	7323.00	43.47	30.33	6.32	24.55	44.01	54	-9.99	AV
V	9764.00	53.26	30.85	7.45	24.69	54.55	74	-19.45	Pk
V	9764.00	44.52	30.85	7.45	24.69	45.81	54	-8.19	AV
V	12205.00	52.61	31.02	8.99	25.57	56.15	74	-17.85	Pk
V	12205.00	42.34	31.02	8.99	25.57	45.88	54	-8.12	AV
H	4882.00	54.23	30.55	5.77	24.66	54.11	74	-19.89	Pk
H	4882.00	43.98	30.55	5.77	24.66	43.86	54	-10.14	AV
H	7323.00	52.06	30.33	6.32	24.55	52.60	74	-21.40	Pk
H	7323.00	44.08	30.33	6.32	24.55	44.62	54	-9.38	AV
H	9764.00	53.41	30.85	7.45	24.69	54.70	74	-19.30	Pk
H	9764.00	42.65	30.85	7.45	24.69	43.94	54	-10.06	AV
H	12205.00	51.93	31.02	8.99	25.57	55.47	74	-18.53	Pk
H	12205.00	43.20	31.02	8.99	25.57	46.74	54	-7.26	AV



Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
High Channel:2480MHz									
V	4960.00	53.32	30.55	5.77	24.66	53.20	74	-20.80	Pk
V	4960.00	44.13	30.55	5.77	24.66	44.01	54	-9.99	AV
V	7440.00	53.02	30.33	6.32	24.55	53.56	74	-20.44	Pk
V	7440.00	43.16	30.33	6.32	24.55	43.70	54	-10.30	AV
V	9920.00	52.74	30.85	7.45	24.69	54.03	74	-19.97	Pk
V	9920.00	43.25	30.85	7.45	24.69	44.54	54	-9.46	AV
V	12400.00	51.99	31.02	8.99	25.57	55.53	74	-18.47	Pk
V	12400.00	42.94	31.02	8.99	25.57	46.48	54	-7.52	AV
H	4960.00	52.04	30.55	5.77	24.66	51.92	74	-22.08	Pk
H	4960.00	42.85	30.55	5.77	24.66	42.73	54	-11.27	AV
H	7440.00	53.04	30.33	6.32	24.55	53.58	74	-20.42	Pk
H	7440.00	43.91	30.33	6.32	24.55	44.45	54	-9.55	AV
H	9920.00	51.78	30.85	7.45	24.69	53.07	74	-20.93	Pk
H	9920.00	43.41	30.85	7.45	24.69	44.70	54	-9.30	AV
H	12400.00	53.15	31.02	8.99	25.57	56.69	74	-17.31	Pk
H	12400.00	44.38	31.02	8.99	25.57	47.92	54	-6.08	AV

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier,
Margin= Emission Level - Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

 $\pi/4$ -DQPSK

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel:2402MHz									
V	4804.00	52.84	30.55	5.77	24.66	52.72	74	-21.28	Pk
V	4804.00	44.50	30.55	5.77	24.66	44.38	54	-9.62	AV
V	7206.00	54.41	30.33	6.32	24.55	54.95	74	-19.05	Pk
V	7206.00	43.78	30.33	6.32	24.55	44.32	54	-9.68	AV
V	9608.00	52.81	30.85	7.45	24.69	54.10	74	-19.90	Pk
V	9608.00	43.62	30.85	7.45	24.69	44.91	54	-9.09	AV
V	12010.00	53.68	31.02	8.99	25.57	57.22	74	-16.78	Pk
V	12010.00	45.13	31.02	8.99	25.57	48.67	54	-5.33	AV
H	4804.00	54.10	30.55	5.77	24.66	53.98	74	-20.02	Pk
H	4804.00	43.61	30.55	5.77	24.66	43.49	54	-10.51	AV
H	7206.00	52.32	30.33	6.32	24.55	52.86	74	-21.14	Pk
H	7206.00	42.95	30.33	6.32	24.55	43.49	54	-10.51	AV
H	9608.00	53.69	30.85	7.45	24.69	54.98	74	-19.02	Pk
H	9608.00	44.14	30.85	7.45	24.69	45.43	54	-8.57	AV
H	12010.00	51.75	31.02	8.99	25.57	55.29	74	-18.71	Pk
H	12010.00	42.43	31.02	8.99	25.57	45.97	54	-8.03	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Middle Channel:2441MHz									
V	4882.00	53.69	30.55	5.77	24.66	53.57	74	-20.43	Pk
V	4882.00	43.73	30.55	5.77	24.66	43.61	54	-10.39	AV
V	7323.00	51.79	30.33	6.32	24.55	52.33	74	-21.67	Pk
V	7323.00	43.13	30.33	6.32	24.55	43.67	54	-10.33	AV
V	9764.00	53.67	30.85	7.45	24.69	54.96	74	-19.04	Pk
V	9764.00	44.95	30.85	7.45	24.69	46.24	54	-7.76	AV
V	12205.00	52.41	31.02	8.99	25.57	55.95	74	-18.05	Pk
V	12205.00	42.50	31.02	8.99	25.57	46.04	54	-7.96	AV
H	4882.00	53.92	30.55	5.77	24.66	53.80	74	-20.20	Pk
H	4882.00	44.37	30.55	5.77	24.66	44.25	54	-9.75	AV
H	7323.00	52.42	30.33	6.32	24.55	52.96	74	-21.04	Pk
H	7323.00	44.65	30.33	6.32	24.55	45.19	54	-8.81	AV
H	9764.00	53.51	30.85	7.45	24.69	54.80	74	-19.20	Pk
H	9764.00	42.27	30.85	7.45	24.69	43.56	54	-10.44	AV
H	12205.00	52.18	31.02	8.99	25.57	55.72	74	-18.28	Pk
H	12205.00	43.12	31.02	8.99	25.57	46.66	54	-7.34	AV



Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
High Channel:2480MHz									
V	4960.00	53.33	30.55	5.77	24.66	53.21	74	-20.79	Pk
V	4960.00	44.25	30.55	5.77	24.66	44.13	54	-9.87	AV
V	7440.00	53.24	30.33	6.32	24.55	53.78	74	-20.22	Pk
V	7440.00	42.94	30.33	6.32	24.55	43.48	54	-10.52	AV
V	9920.00	52.90	30.85	7.45	24.69	54.19	74	-19.81	Pk
V	9920.00	42.68	30.85	7.45	24.69	43.97	54	-10.03	AV
V	12400.00	51.39	31.02	8.99	25.57	54.93	74	-19.07	Pk
V	12400.00	43.30	31.02	8.99	25.57	46.84	54	-7.16	AV
H	4960.00	51.62	30.55	5.77	24.66	51.50	74	-22.50	Pk
H	4960.00	42.91	30.55	5.77	24.66	42.79	54	-11.21	AV
H	7440.00	53.16	30.33	6.32	24.55	53.70	74	-20.30	Pk
H	7440.00	43.91	30.33	6.32	24.55	44.45	54	-9.55	AV
H	9920.00	52.45	30.85	7.45	24.69	53.74	74	-20.26	Pk
H	9920.00	43.30	30.85	7.45	24.69	44.59	54	-9.41	AV
H	12400.00	53.03	31.02	8.99	25.57	56.57	74	-17.43	Pk
H	12400.00	43.51	31.02	8.99	25.57	47.05	54	-6.95	AV

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier,
Margin= Emission Level - Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



8-DPSK

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel:2402MHz									
V	4804.00	52.42	30.55	5.77	24.66	52.30	74	-21.70	Pk
V	4804.00	44.23	30.55	5.77	24.66	44.11	54	-9.89	AV
V	7206.00	53.78	30.33	6.32	24.55	54.32	74	-19.68	Pk
V	7206.00	43.34	30.33	6.32	24.55	43.88	54	-10.12	AV
V	9608.00	52.96	30.85	7.45	24.69	54.25	74	-19.75	Pk
V	9608.00	43.91	30.85	7.45	24.69	45.20	54	-8.80	AV
V	12010.00	53.97	31.02	8.99	25.57	57.51	74	-16.49	Pk
V	12010.00	44.94	31.02	8.99	25.57	48.48	54	-5.52	AV
H	4804.00	53.40	30.55	5.77	24.66	53.28	74	-20.72	Pk
H	4804.00	43.47	30.55	5.77	24.66	43.35	54	-10.65	AV
H	7206.00	52.81	30.33	6.32	24.55	53.35	74	-20.65	Pk
H	7206.00	42.82	30.33	6.32	24.55	43.36	54	-10.64	AV
H	9608.00	53.61	30.85	7.45	24.69	54.90	74	-19.10	Pk
H	9608.00	44.06	30.85	7.45	24.69	45.35	54	-8.65	AV
H	12010.00	51.51	31.02	8.99	25.57	55.05	74	-18.95	Pk
H	12010.00	42.76	31.02	8.99	25.57	46.30	54	-7.70	AV

Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Middle Channel:2441MHz									
V	4882.00	53.90	30.55	5.77	24.66	53.78	74	-20.22	Pk
V	4882.00	43.82	30.55	5.77	24.66	43.70	54	-10.30	AV
V	7323.00	51.93	30.33	6.32	24.55	52.47	74	-21.53	Pk
V	7323.00	42.78	30.33	6.32	24.55	43.32	54	-10.68	AV
V	9764.00	53.62	30.85	7.45	24.69	54.91	74	-19.09	Pk
V	9764.00	44.67	30.85	7.45	24.69	45.96	54	-8.04	AV
V	12205.00	52.81	31.02	8.99	25.57	56.35	74	-17.65	Pk
V	12205.00	42.92	31.02	8.99	25.57	46.46	54	-7.54	AV
H	4882.00	53.89	30.55	5.77	24.66	53.77	74	-20.23	Pk
H	4882.00	44.29	30.55	5.77	24.66	44.17	54	-9.83	AV
H	7323.00	52.18	30.33	6.32	24.55	52.72	74	-21.28	Pk
H	7323.00	44.09	30.33	6.32	24.55	44.63	54	-9.37	AV
H	9764.00	53.69	30.85	7.45	24.69	54.98	74	-19.02	Pk
H	9764.00	42.03	30.85	7.45	24.69	43.32	54	-10.68	AV
H	12205.00	52.16	31.02	8.99	25.57	55.70	74	-18.30	Pk
H	12205.00	42.99	31.02	8.99	25.57	46.53	54	-7.47	AV



Polar (H/V)	Frequency	Meter Reading	Pre-ampli fier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
High Channel:2480MHz									
V	4960.00	53.67	30.55	5.77	24.66	53.55	74	-20.45	Pk
V	4960.00	44.01	30.55	5.77	24.66	43.89	54	-10.11	AV
V	7440.00	52.54	30.33	6.32	24.55	53.08	74	-20.92	Pk
V	7440.00	42.80	30.33	6.32	24.55	43.34	54	-10.66	AV
V	9920.00	52.54	30.85	7.45	24.69	53.83	74	-20.17	Pk
V	9920.00	43.04	30.85	7.45	24.69	44.33	54	-9.67	AV
V	12400.00	51.49	31.02	8.99	25.57	55.03	74	-18.97	Pk
V	12400.00	43.06	31.02	8.99	25.57	46.60	54	-7.40	AV
H	4960.00	52.19	30.55	5.77	24.66	52.07	74	-21.93	Pk
H	4960.00	42.60	30.55	5.77	24.66	42.48	54	-11.52	AV
H	7440.00	52.75	30.33	6.32	24.55	53.29	74	-20.71	Pk
H	7440.00	44.33	30.33	6.32	24.55	44.87	54	-9.13	AV
H	9920.00	51.84	30.85	7.45	24.69	53.13	74	-20.87	Pk
H	9920.00	42.92	30.85	7.45	24.69	44.21	54	-9.79	AV
H	12400.00	52.88	31.02	8.99	25.57	56.42	74	-17.58	Pk
H	12400.00	44.39	31.02	8.99	25.57	47.93	54	-6.07	AV

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier,
Margin= Emission Level - Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



5. RADIATED BAND EMISSION MEASUREMENT

5.1 Test Requirement:

Test Requirement:	FCC Part15 C Section 15.209 and 15.205				
Test Method:	ANSI C63.10: 2013				
Test Frequency Range:	All of the restrict bands were tested, only the worst band's (2310MHz to 2500MHz) data was showed.				
Test site:	Measurement Distance: 3m				
Receiver setup:	Frequency	Detector	RBW	VBW	Value
	Above 1GHz	Peak	1MHz	3MHz	Peak
		Average	1MHz	3MHz	Average

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	Limit (dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	2300MHz
Stop Frequency	2520
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 10Hz for Average

5.2 TEST PROCEDURE

Above 1GHz test procedure as below:

1. The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
7. Test the EUT in the lowest channel,the Highest channel

Note:

Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

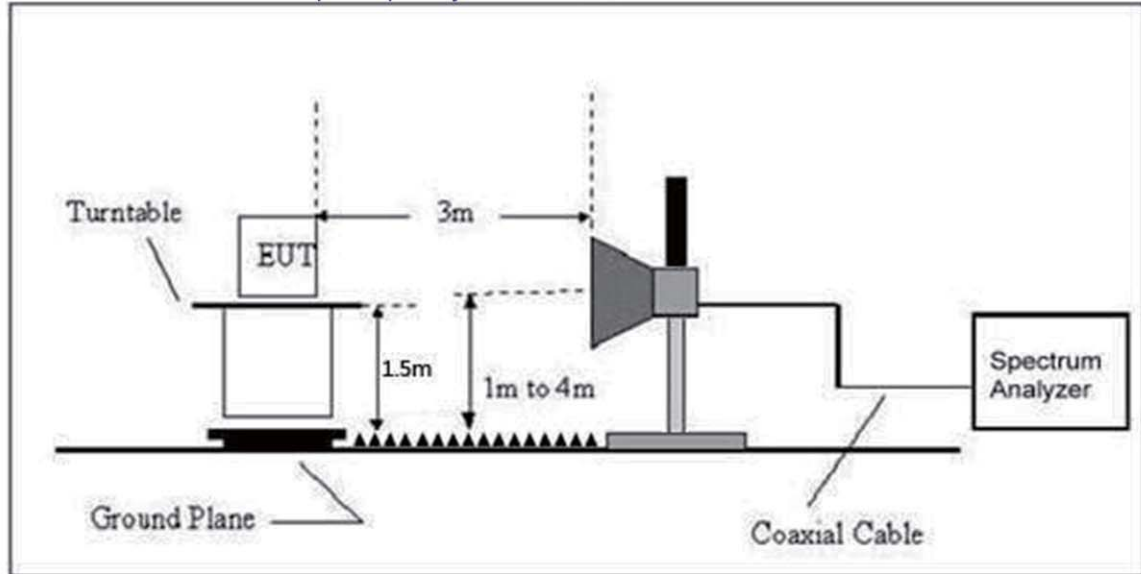


5.3 DEVIATION FROM TEST STANDARD

No deviation

5.4 TEST SETUP

Radiated Emission Test-Up Frequency Above 1GHz



5.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.

5.6 TEST RESULT

	Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB/m)	Emission level (dBuV/m)	Limit (dBuV/m)	Detector Type	Result
GFSK	Low Channel: 2402MHz									
	H	2390.00	58.82	30.22	4.85	23.98	57.43	74.00	PK	PASS
	H	2390.00	49.84	30.22	4.85	23.98	48.45	54.00	AV	PASS
	H	2400.00	59.52	30.22	4.85	23.98	58.13	74.00	PK	PASS
	H	2400.00	50.55	30.22	4.85	23.98	49.16	54.00	AV	PASS
	V	2390.00	58.68	30.22	4.85	23.98	57.29	74.00	PK	PASS
	V	2390.00	51.28	30.22	4.85	23.98	49.89	54.00	AV	PASS
	V	2400.00	59.79	30.22	4.85	23.98	58.40	74.00	PK	PASS
	V	2400.00	50.19	30.22	4.85	23.98	48.80	54.00	AV	PASS
	High Channel: 2480MHz									
	H	2483.50	58.77	30.22	4.85	23.98	57.38	74.00	Pk	PASS
	H	2483.50	50.85	30.22	4.85	23.98	49.46	54.00	AV	PASS
	H	2500.00	58.49	30.22	4.85	23.98	57.10	74.00	Pk	PASS
	H	2500.00	50.89	30.22	4.85	23.98	49.50	54.00	AV	PASS
	V	2483.50	60.02	30.22	4.85	23.98	58.63	74.00	Pk	PASS
	V	2483.50	50.68	30.22	4.85	23.98	49.29	54.00	AV	PASS
	V	2500.00	59.98	30.22	4.85	23.98	58.59	74.00	Pk	PASS
	V	2500.00	49.21	30.22	4.85	23.98	47.82	54.00	AV	PASS



π/4-DQP SK	Low Channel: 2402MHz									
	H	2390.00	58.62	30.22	4.85	23.98	57.23	74.00	PK	PASS
	H	2390.00	50.45	30.22	4.85	23.98	49.06	54.00	AV	PASS
	H	2400.00	60.06	30.22	4.85	23.98	58.67	74.00	PK	PASS
	H	2400.00	50.42	30.22	4.85	23.98	49.03	54.00	AV	PASS
	V	2390.00	59.30	30.22	4.85	23.98	57.91	74.00	PK	PASS
	V	2390.00	51.41	30.22	4.85	23.98	50.02	54.00	AV	PASS
	V	2400.00	59.16	30.22	4.85	23.98	57.77	74.00	PK	PASS
	V	2400.00	51.02	30.22	4.85	23.98	49.63	54.00	AV	PASS
	High Channel: 2480MHz									
	H	2483.50	58.90	30.22	4.85	23.98	57.51	74.00	PK	PASS
	H	2483.50	51.09	30.22	4.85	23.98	49.70	54.00	AV	PASS
	H	2500.00	58.50	30.22	4.85	23.98	57.11	74.00	PK	PASS
	H	2500.00	50.45	30.22	4.85	23.98	49.06	54.00	AV	PASS
	V	2483.50	59.67	30.22	4.85	23.98	58.28	74.00	PK	PASS
	V	2483.50	51.32	30.22	4.85	23.98	49.93	54.00	AV	PASS
	V	2500.00	60.18	30.22	4.85	23.98	58.79	74.00	PK	PASS
	V	2500.00	49.53	30.22	4.85	23.98	48.14	54.00	AV	PASS
8-DPSK	Low Channel: 2402MHz									
	H	2390.00	58.59	30.22	4.85	23.98	57.20	74.00	PK	PASS
	H	2390.00	50.00	30.22	4.85	23.98	48.61	54.00	AV	PASS
	H	2400.00	60.05	30.22	4.85	23.98	58.66	74.00	PK	PASS
	H	2400.00	50.53	30.22	4.85	23.98	49.14	54.00	AV	PASS
	V	2390.00	58.63	30.22	4.85	23.98	57.24	74.00	PK	PASS
	V	2390.00	50.95	30.22	4.85	23.98	49.56	54.00	AV	PASS
	V	2400.00	59.22	30.22	4.85	23.98	57.83	74.00	PK	PASS
	V	2400.00	50.59	30.22	4.85	23.98	49.20	54.00	AV	PASS
	High Channel: 2480MHz									
	H	2483.50	59.29	30.22	4.85	23.98	57.90	74.00	PK	PASS
	H	2483.50	50.47	30.22	4.85	23.98	49.08	54.00	AV	PASS
	H	2500.00	58.41	30.22	4.85	23.98	57.02	74.00	PK	PASS
	H	2500.00	50.76	30.22	4.85	23.98	49.37	54.00	AV	PASS
	V	2483.50	59.96	30.22	4.85	23.98	58.57	74.00	PK	PASS
	V	2483.50	50.93	30.22	4.85	23.98	49.54	54.00	AV	PASS
	V	2500.00	59.80	30.22	4.85	23.98	58.41	74.00	PK	PASS
	V	2500.00	49.55	30.22	4.85	23.98	48.16	54.00	AV	PASS

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier, Margin= Emission Level - Limit



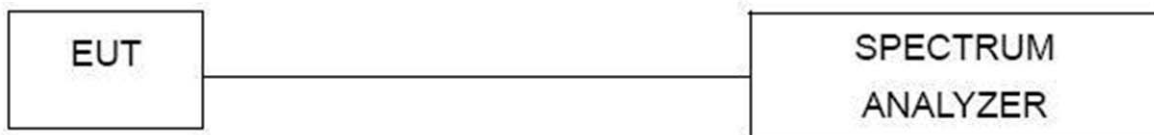
6. CONDUCTED BAND EDGE AND SPURIOUS EMISSION

Test Requirement:	FCC Part15 C Section 15.247 (d)
Test Method:	KDB558074 D0115.247 Meas Guidancev05r02

6.1 Limit

Regulation 15.247 (d), In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

6.2 Test Setup



6.3 Test procedure

Using the following spectrum analyzer setting:

- A) Set the RBW = 100KHz.
- B) Set the VBW = 300KHz.
- C) Sweep time = auto couple.
- D) Detector function = peak.
- E) Trace mode = max hold.
- F) Allow trace to fully stabilize.

6.4 DEVIATION FROM STANDARD

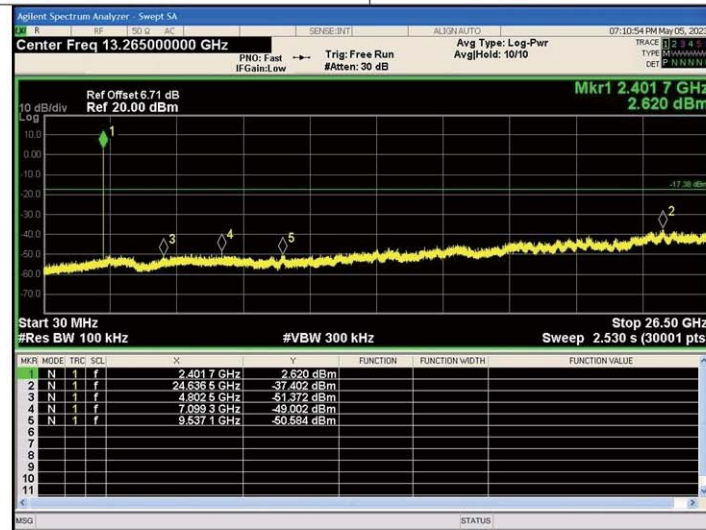
No deviation.

6.5 Test Result



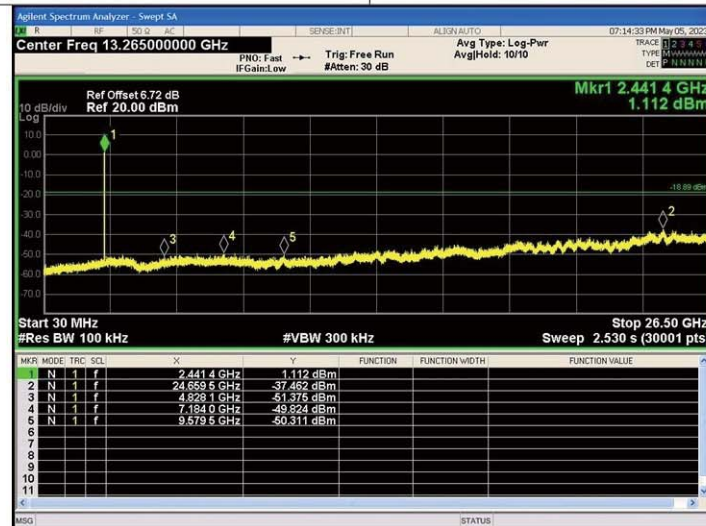
GFSK mode:

Test channel:	Lowest channel
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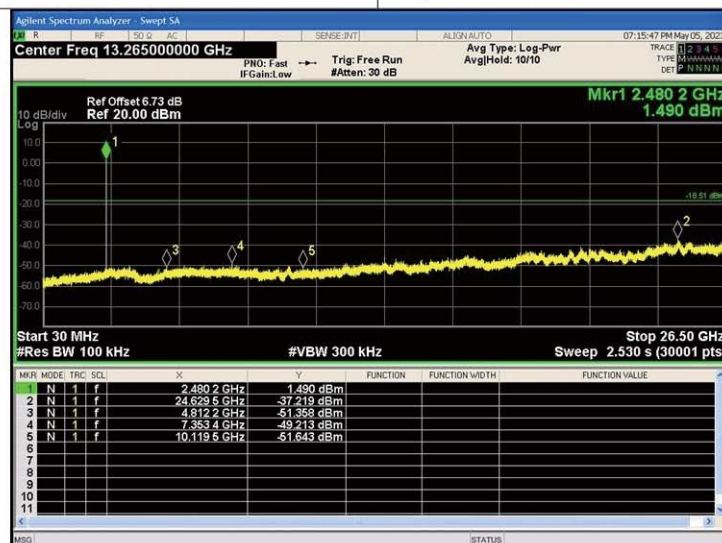
30MHz~26.5GHz

Test channel:	Middle channel
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30MHz~26.5GHz

Test channel:	Highest channel
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30MHz~26.5GHz