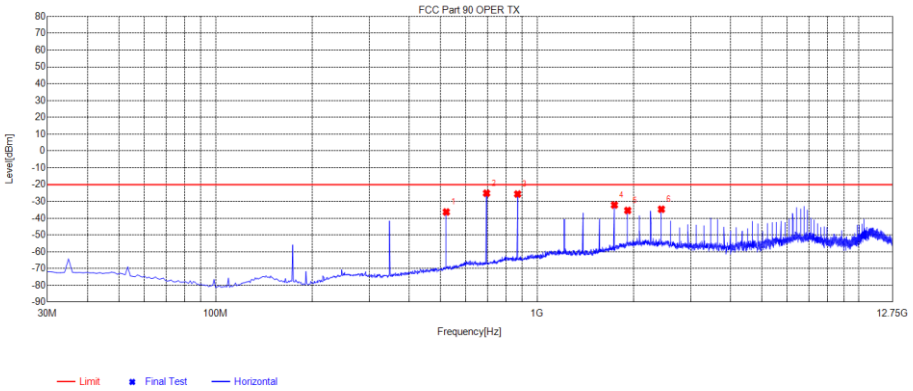
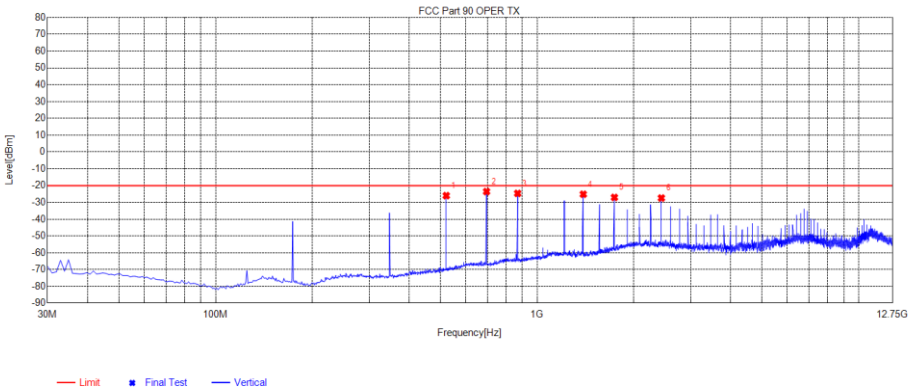
Test Mode:	TX:173.975MHz-4FSK	Polarity:	Horizontal



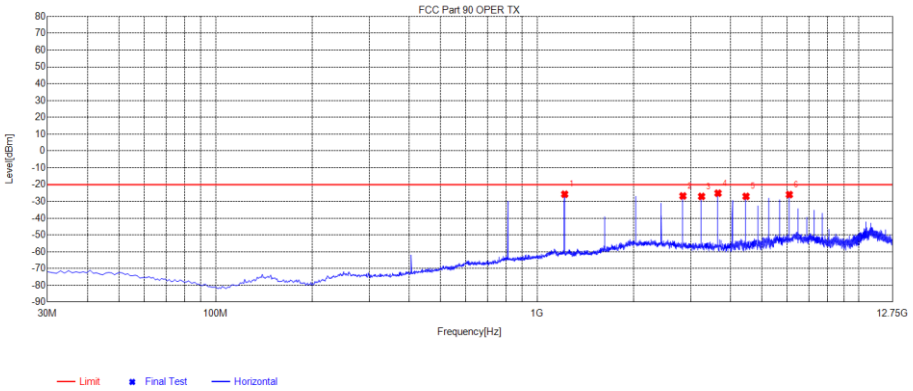
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	521.79	-68.60	-36.33	-20.00	16.33	32.27	69	Horizontal
2	696.39	-60.18	-25.16	-20.00	5.16	35.02	360	Horizontal
3	870.02	-62.91	-25.63	-20.00	5.63	37.28	78	Horizontal
4	1740.324	-30.98	-32.15	-20.00	12.15	-1.17	87	Horizontal
5	1914.2414	-36.37	-35.40	-20.00	15.40	0.97	26	Horizontal
6	2435.9936	-37.14	-34.68	-20.00	14.68	2.46	78	Horizontal

Test Mode:	TX:173.975MHz-4FSK	Polarity:	Vertical



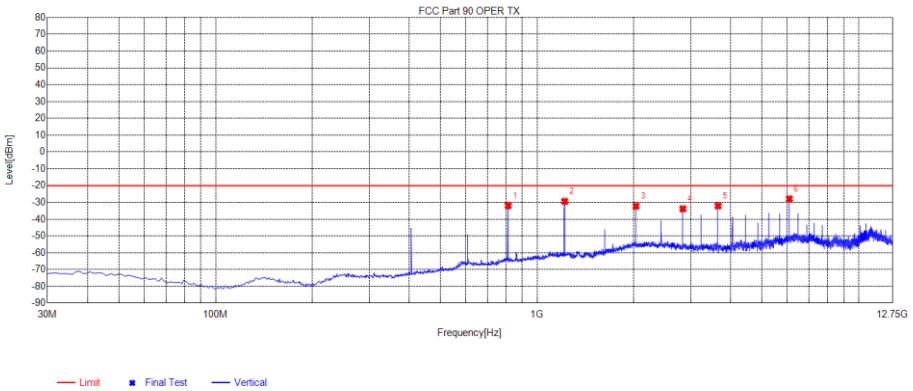
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	521.79	-58.26	-25.99	-20.00	5.99	32.27	360	Vertical
2	696.39	-58.59	-23.57	-20.00	3.57	35.02	360	Vertical
3	870.02	-61.93	-24.65	-20.00	4.65	37.28	344	Vertical
4	1392.4892	-21.05	-25.16	-20.00	5.16	-4.11	353	Vertical
5	1740.324	-25.86	-27.03	-20.00	7.03	-1.17	344	Vertical
6	2435.9936	-29.88	-27.42	-20.00	7.42	2.46	1	Vertical

Test Mode:	TX:406.125MHz-4FSK	Polarity:	Horizontal



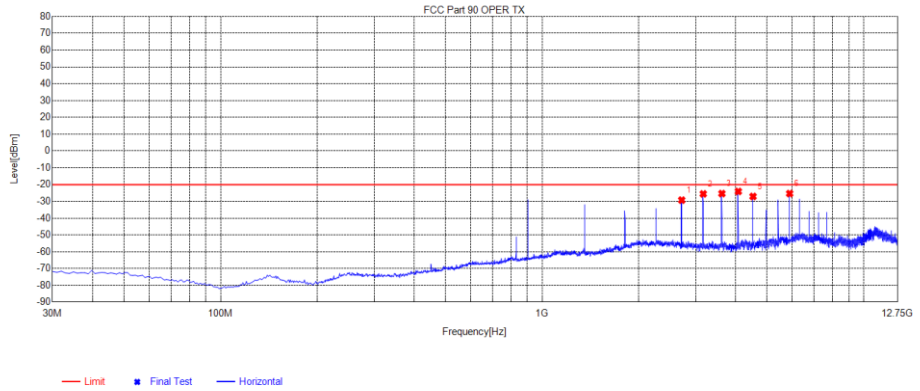
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	1218.5719	-21.67	-25.75	-20.00	5.75	-4.08	315	Horizontal
2	2842.5843	-28.62	-26.78	-20.00	6.78	1.84	0	Horizontal
3	3249.1749	-28.95	-27.05	-20.00	7.05	1.90	8	Horizontal
4	3655.7656	-27.51	-25.15	-20.00	5.15	2.36	281	Horizontal
5	4467.7718	-31.33	-27.02	-20.00	7.02	4.31	307	Horizontal
6	6091.7842	-32.83	-25.96	-20.00	5.96	6.87	272	Horizontal

Test Mode:	TX:406.125MHz-4FSK	Polarity:	Vertical



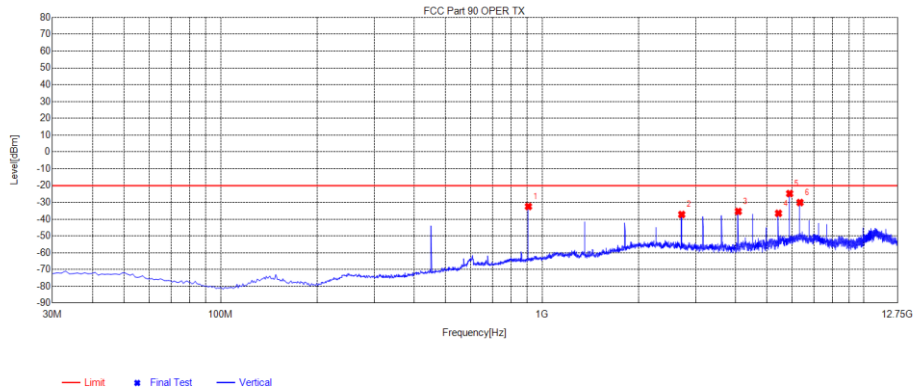
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	812.79	-69.51	-31.95	-20.00	11.95	37.56	345	Vertical
2	1218.5719	-25.34	-29.42	-20.00	9.42	-4.08	9	Vertical
3	2030.5781	-34.33	-32.28	-20.00	12.28	2.05	310	Vertical
4	2842.5843	-35.67	-33.83	-20.00	13.83	1.84	319	Vertical
5	3655.7656	-34.43	-32.07	-20.00	12.07	2.36	113	Vertical
6	6091.7842	-34.78	-27.91	-20.00	7.91	6.87	345	Vertical

Test Mode:	TX:453.2125MHz-4FSK	Polarity:	Horizontal



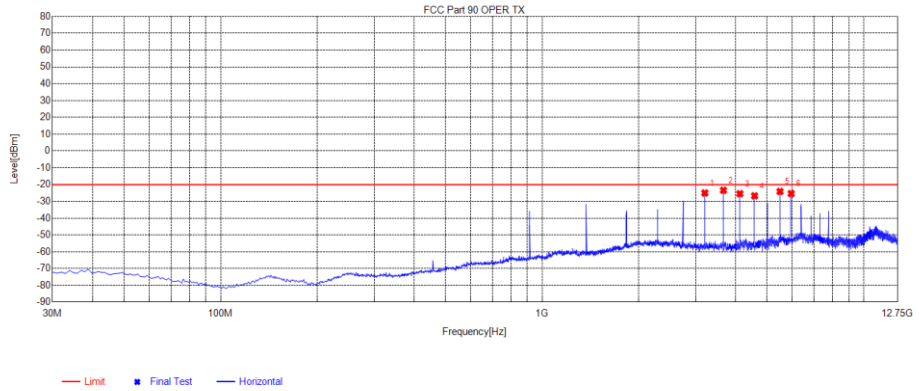
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	2719.1969	-31.34	-29.25	-20.00	9.25	2.09	350	Horizontal
2	3172.7923	-27.32	-25.53	-20.00	5.53	1.79	15	Horizontal
3	3626.3876	-27.70	-25.36	-20.00	5.36	2.34	273	Horizontal
4	4078.8079	-26.88	-24.08	-20.00	4.08	2.80	298	Horizontal
5	4532.4032	-31.53	-27.06	-20.00	7.06	4.47	307	Horizontal
6	5892.0142	-31.84	-25.34	-20.00	5.34	6.50	273	Horizontal

Test Mode:	TX:453.2125MHz-4FSK	Polarity:	Vertical



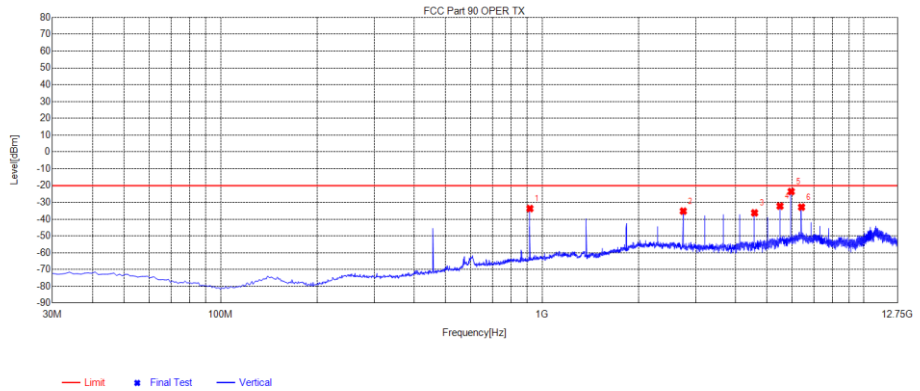
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	906.88	-70.10	-32.43	-20.00	12.43	37.67	360	Vertical
2	2719.1969	-39.30	-37.21	-20.00	17.21	2.09	319	Vertical
3	4078.8079	-38.17	-35.37	-20.00	15.37	2.80	268	Vertical
4	5438.4188	-42.22	-36.53	-20.00	16.53	5.69	302	Vertical
5	5892.0142	-31.26	-24.76	-20.00	4.76	6.50	345	Vertical
6	6345.6096	-37.43	-30.07	-20.00	10.07	7.36	268	Vertical

Test Mode:	TX:458.2125MHz-4FSK	Polarity:	Horizontal



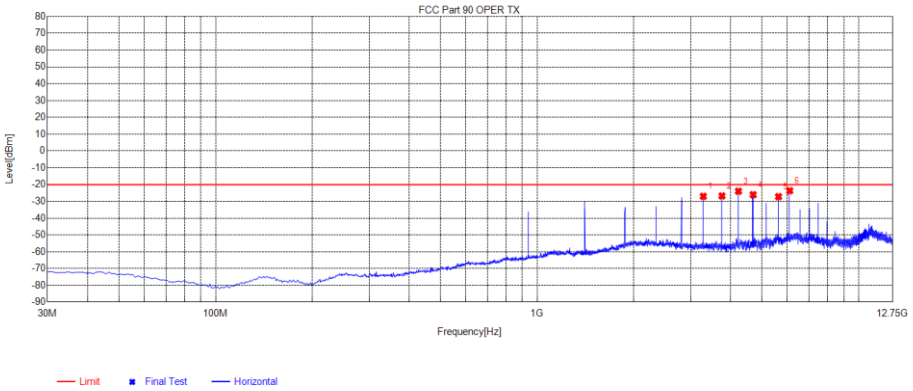
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	3208.0458	-26.86	-25.02	-20.00	5.02	1.84	268	Horizontal
2	3666.3416	-25.77	-23.41	-20.00	3.41	2.36	287	Horizontal
3	4124.6375	-28.44	-25.46	-20.00	5.46	2.98	287	Horizontal
4	4581.7582	-31.25	-26.73	-20.00	6.73	4.52	314	Horizontal
5	5498.3498	-29.90	-24.11	-20.00	4.11	5.79	258	Horizontal
6	5956.6457	-31.96	-25.35	-20.00	5.35	6.61	258	Horizontal

Test Mode:	TX:458.2125MHz-4FSK	Polarity:	Vertical



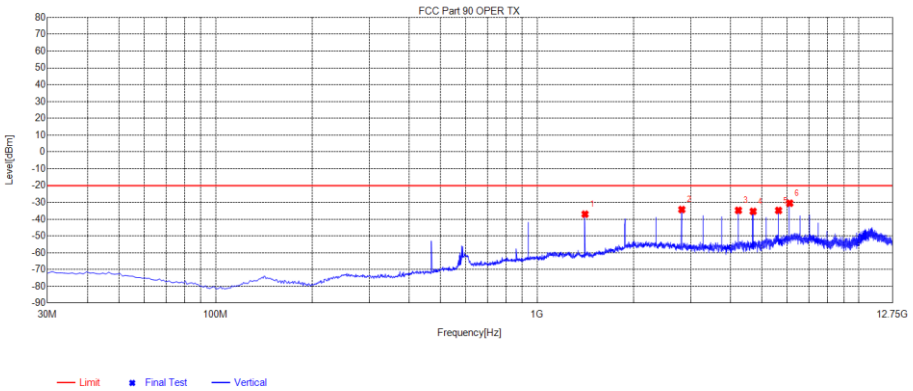
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	916.58	-71.53	-33.67	-20.00	13.67	37.86	276	Vertical
2	2749.75	-37.24	-35.21	-20.00	15.21	2.03	302	Vertical
3	4581.7582	-40.76	-36.24	-20.00	16.24	4.52	242	Vertical
4	5498.3498	-38.00	-32.21	-20.00	12.21	5.79	294	Vertical
5	5956.6457	-30.15	-23.54	-20.00	3.54	6.61	337	Vertical
6	6414.9415	-40.31	-32.82	-20.00	12.82	7.49	260	Vertical

Test Mode:	TX:469.975MHz-4FSK	Polarity:	Horizontal



NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	3290.304	-28.97	-27.00	-20.00	7.00	1.97	12	Horizontal
2	3760.351	-29.14	-26.74	-20.00	6.74	2.40	299	Horizontal
3	4230.398	-27.33	-23.94	-20.00	3.94	3.39	299	Horizontal
4	4700.445	-30.67	-26.02	-20.00	6.02	4.65	316	Horizontal
5	5639.3639	-33.23	-27.19	-20.00	7.19	6.04	265	Horizontal
6	6109.4109	-30.56	-23.66	-20.00	3.66	6.90	265	Horizontal

Test Mode:	TX:469.975MHz-4FSK	Polarity:	Vertical



NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	1410.116	-32.91	-37.03	-20.00	17.03	-4.12	276	Vertical
2	2820.257	-36.15	-34.27	-20.00	14.27	1.88	285	Vertical
3	4230.398	-38.14	-34.75	-20.00	14.75	3.39	328	Vertical
4	4700.445	-40.01	-35.36	-20.00	15.36	4.65	311	Vertical
5	5639.3639	-40.84	-34.80	-20.00	14.80	6.04	320	Vertical
6	6109.4109	-37.40	-30.50	-20.00	10.50	6.90	360	Vertical

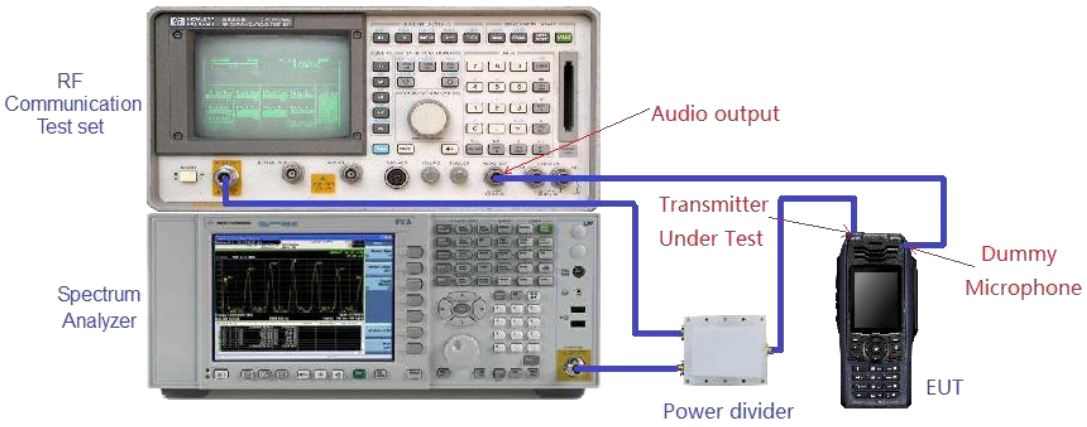
8.5 Emission Mask Measurement Part

The detailed procedure employed for Emission Mask measurements are specified as following:

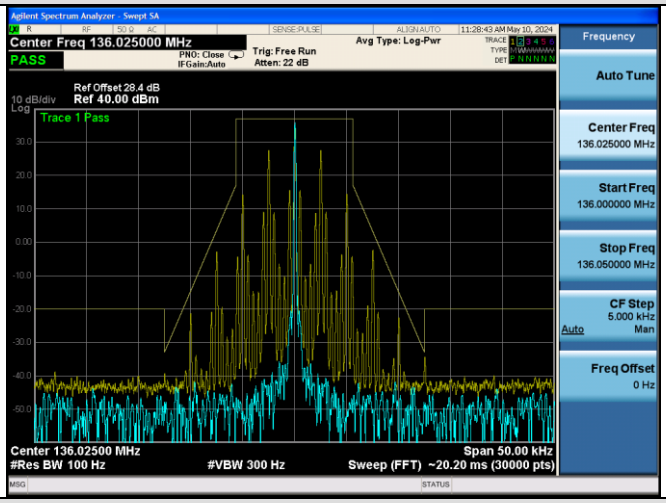
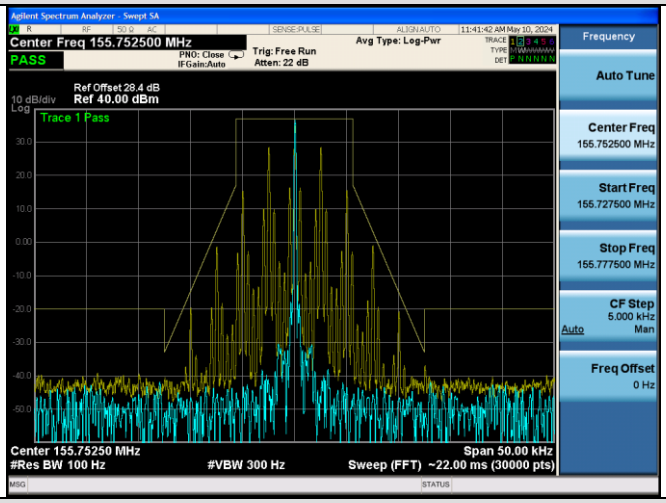
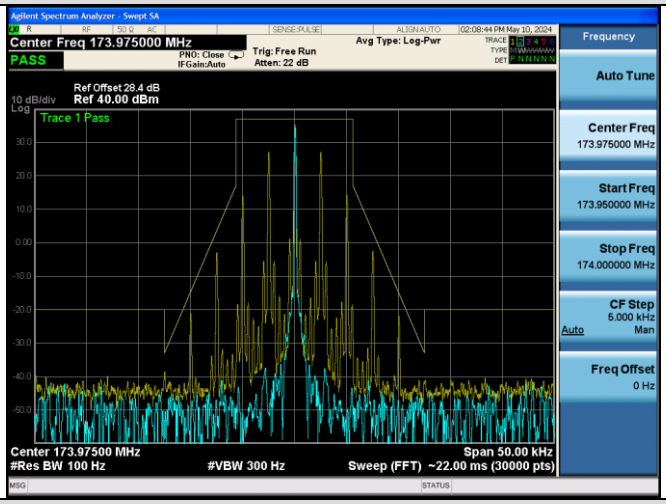
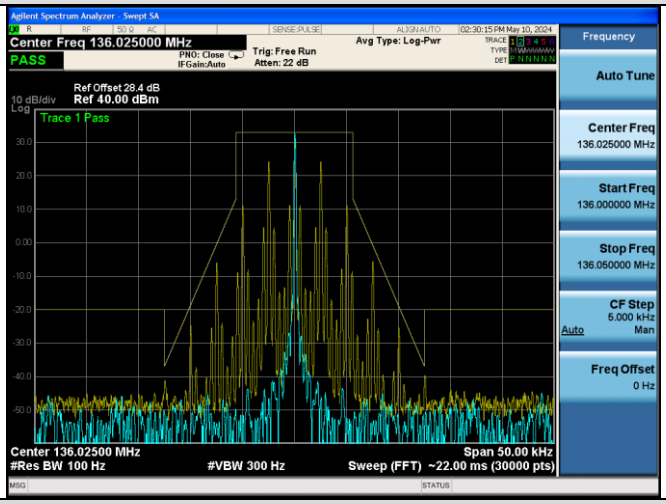
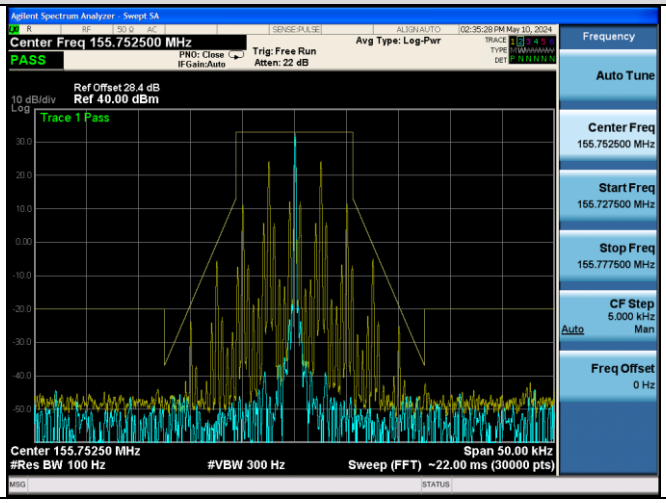
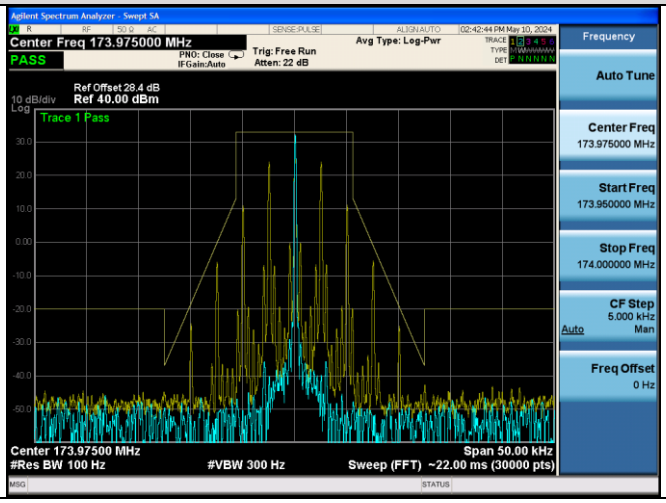
-Connect the equipment as illustrated.

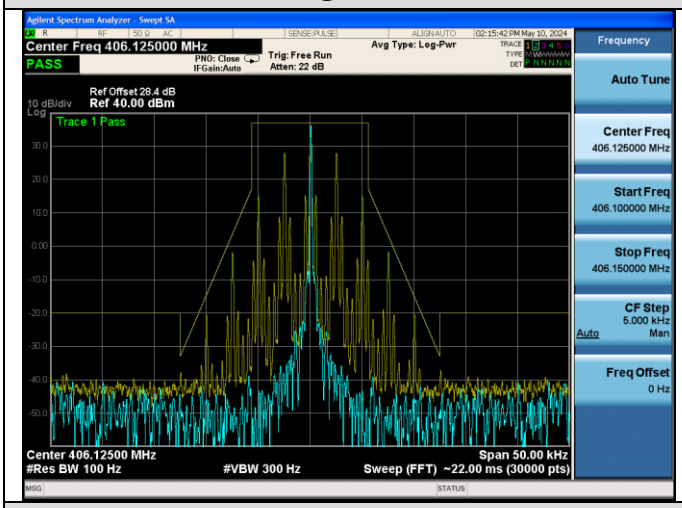
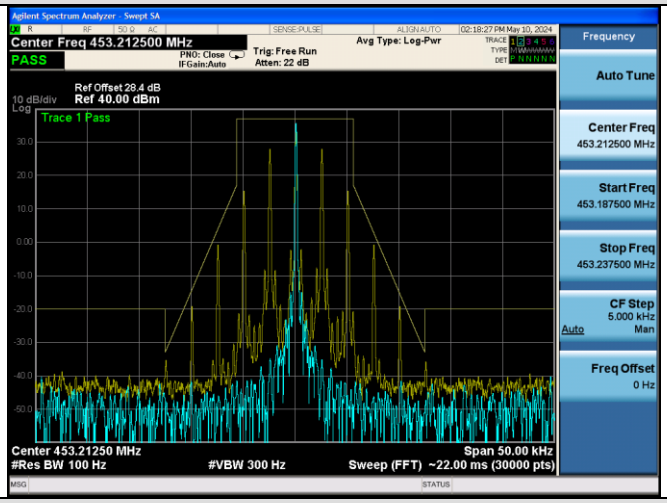
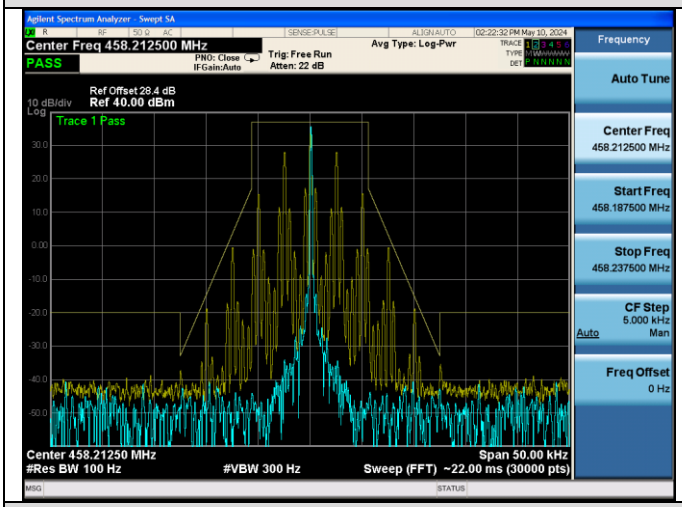
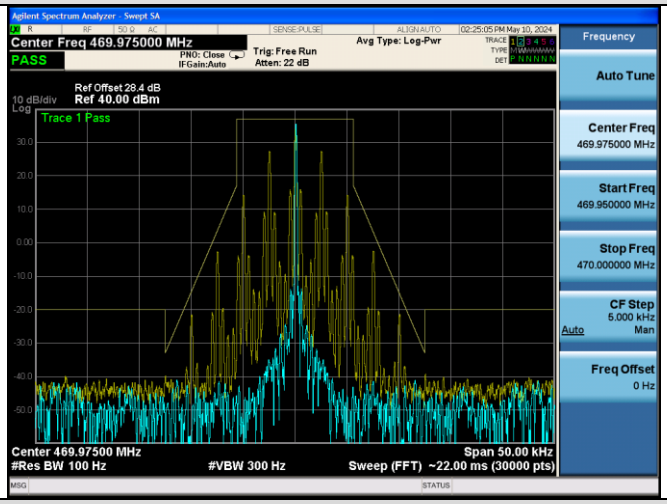
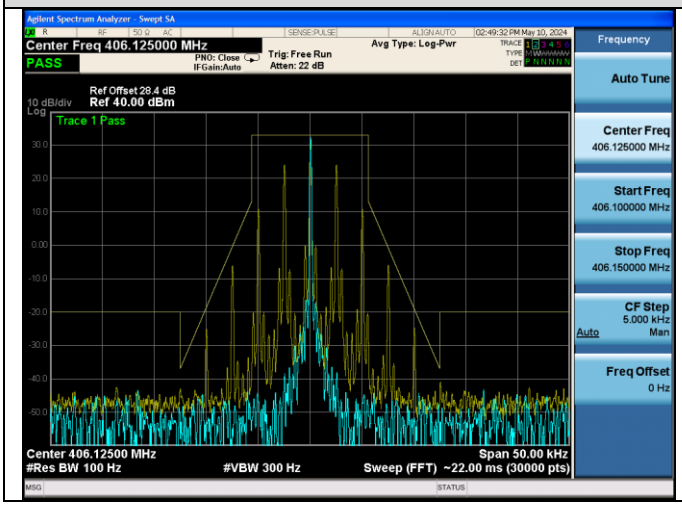
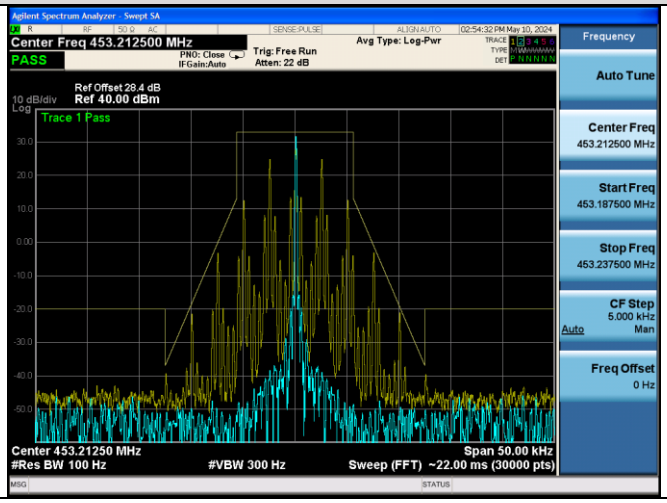
-Spectrum set as follow:

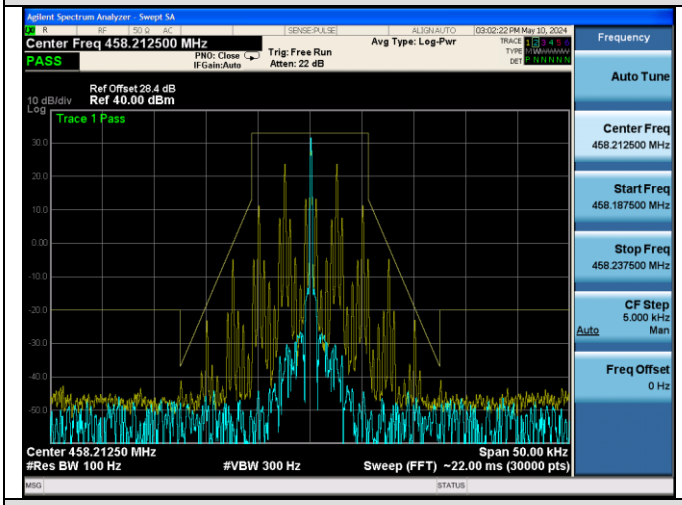
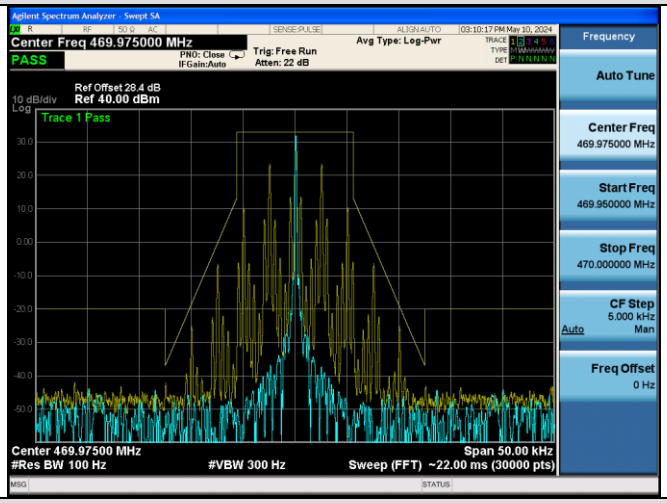
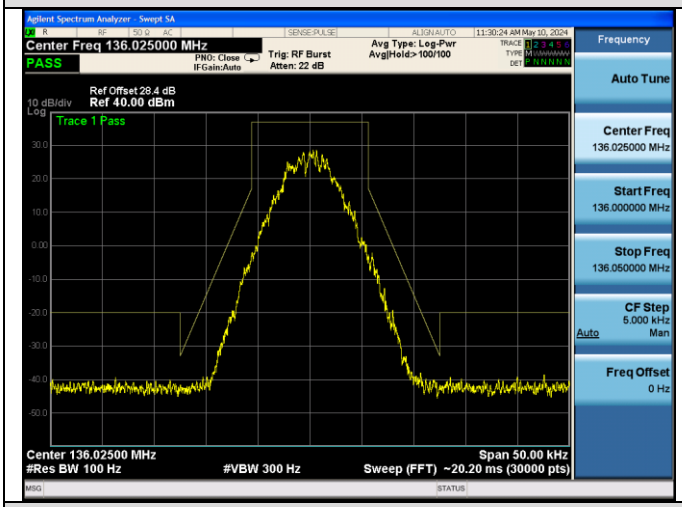
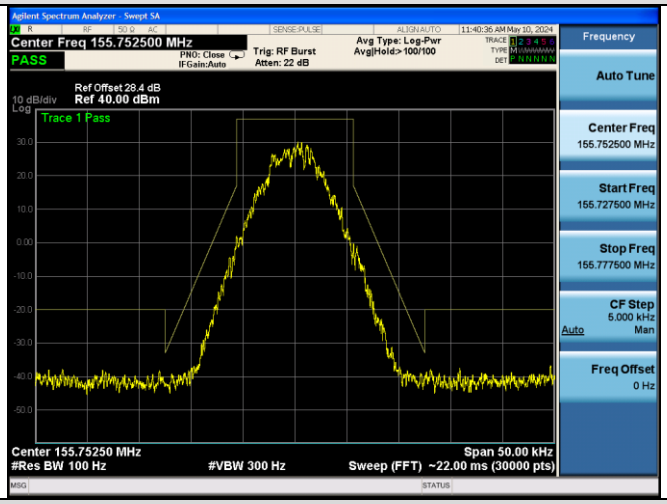
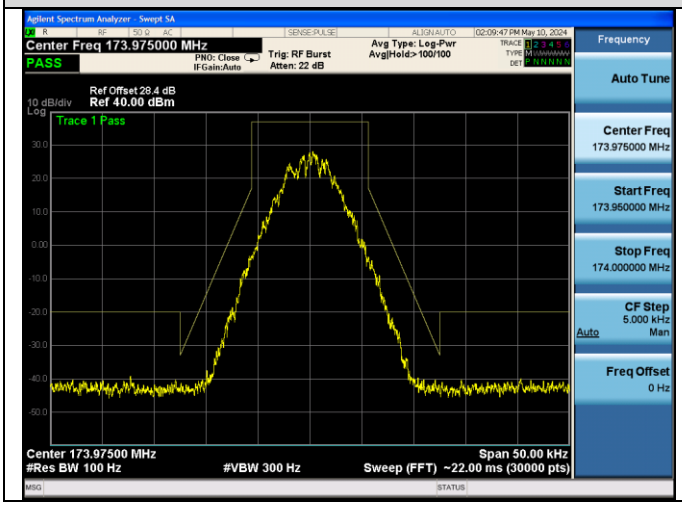
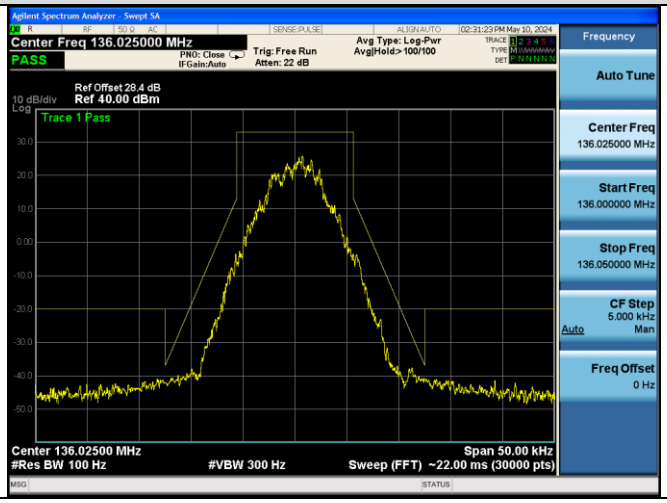
1. Centre frequency = fundamental frequency, Span=50kHz for 12.5kHz channel spacing, RBW=100Hz, VBW=300Hz for 12.5kHz, Sweep = auto, Detector function = peak, Trace = max hold
2. Key the transmitter, and set the level of the unmodulated carrier to a fullscale reference line. This is the 0dB reference for the measurement.
3. Modulate the transmitter with a 2500 Hz sine wave at an input level 16 dB greater than that necessary to produce 50% of rated system deviation (Rated system deviation is 2.5 kHz for 12.5kHz channel spacing). The input level shall be established at the frequency of maximum response of the audio modulating circuit.
4. Transmitters employing digital modulation techniques that bypass the limiter and the audio low-pass filter shall be modulated as specified by the manufacturer.
5. Measure and record the results in the test report.

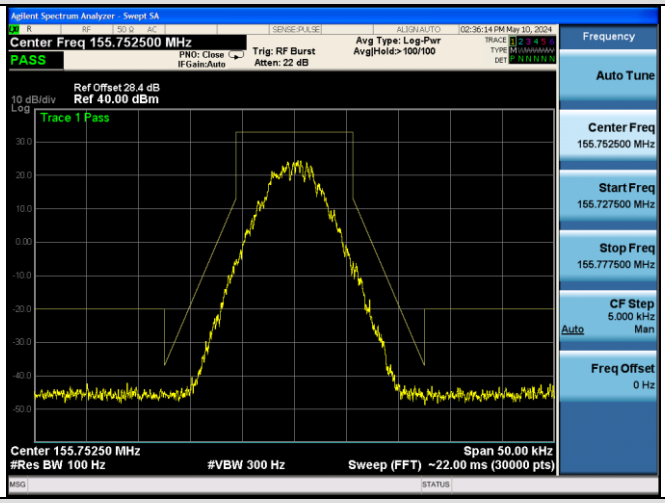
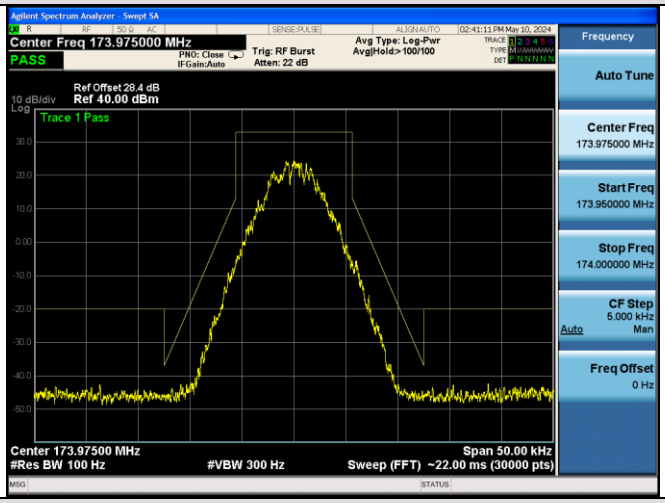
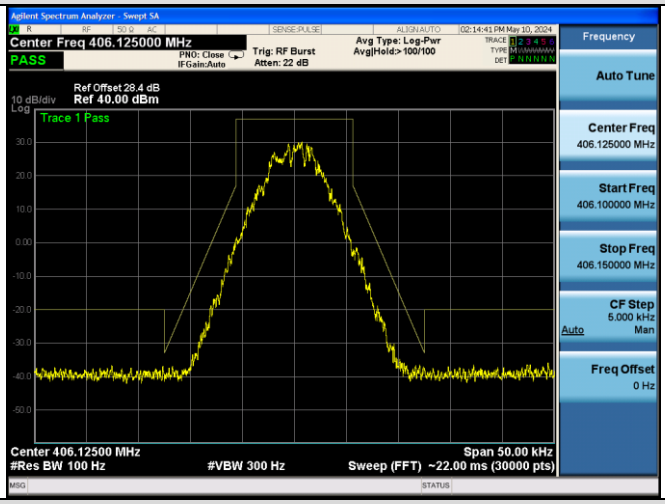
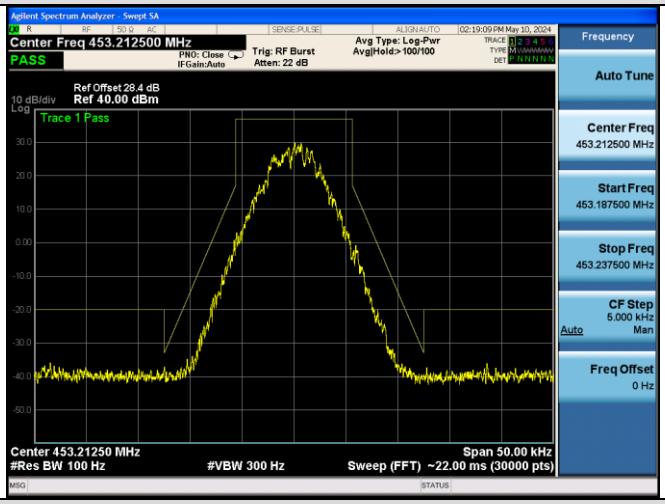
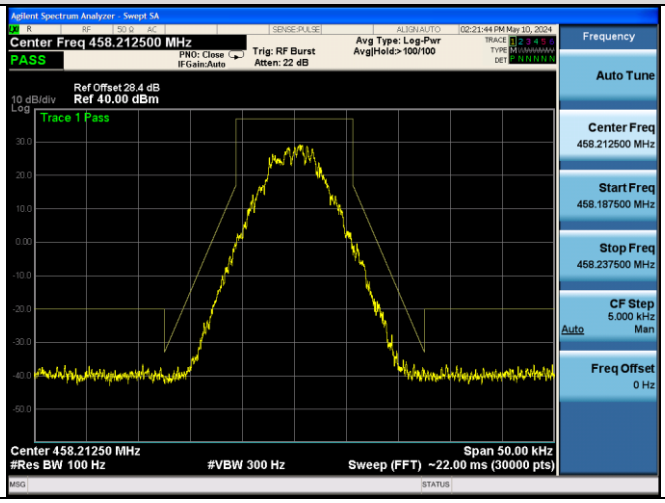
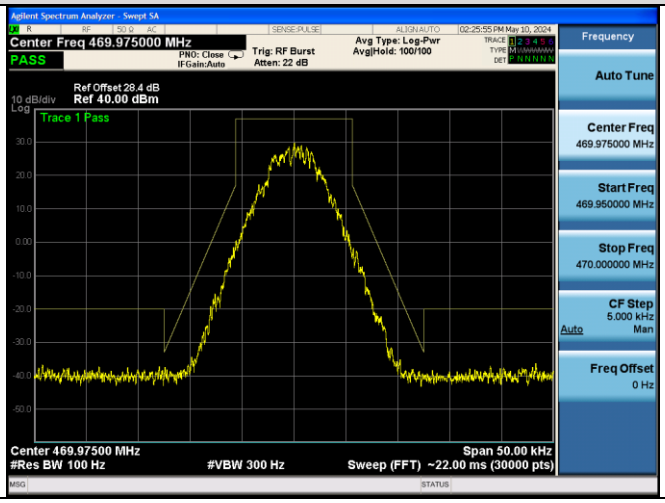


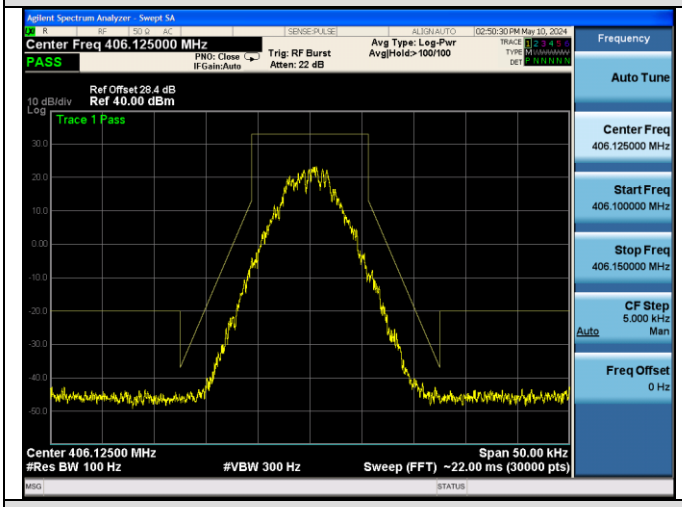
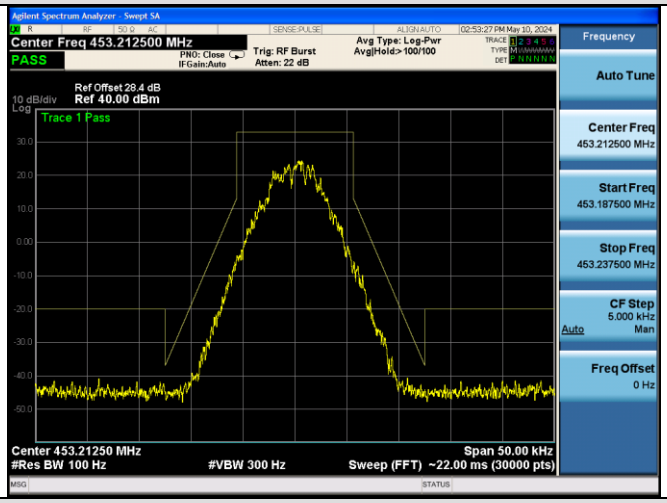
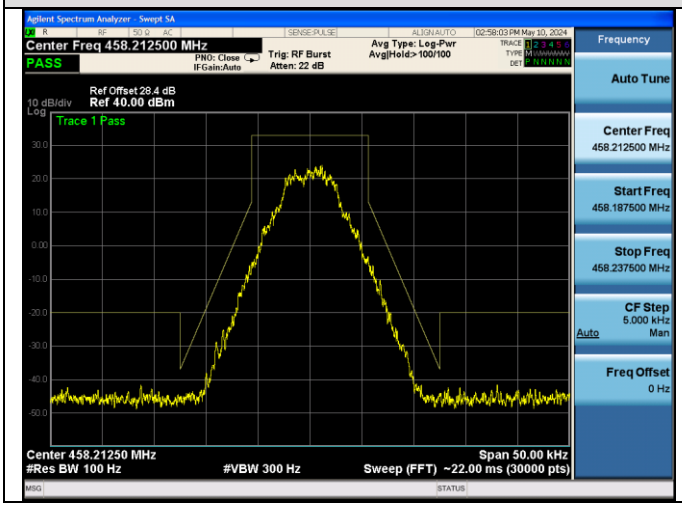
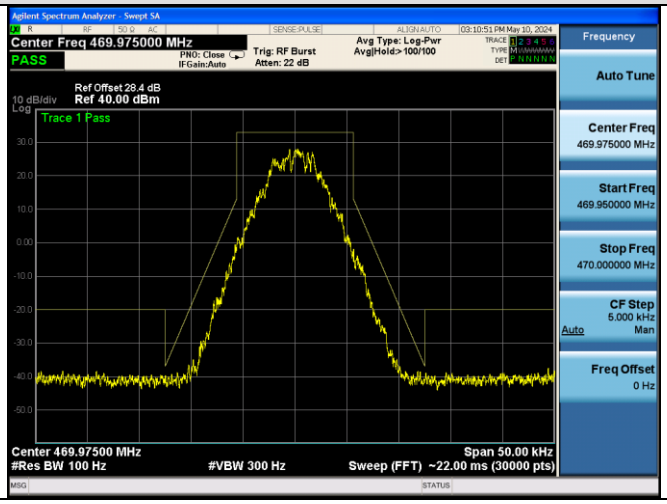
Test plot as follows:

Emission Mask D@136.025MHz-5W-FM	Emission Mask D@155.7525MHz-5W-FM
	
Emission Mask D@173.975MHz-5W-FM	**Emission Mask D@136.025MHz-1W-FM**
	
Emission Mask D@155.7525MHz-1W-FM	**Emission Mask D@173.975MHz-1W-FM**
	

Emission Mask D@406.125MHz-5W-FM	Emission Mask D@453.2125MHz-5W-FM
	
Emission Mask D@458.2125MHz-5W-FM	**Emission Mask D@469.975MHz-5W-FM**
	
Emission Mask D@406.125MHz-1W-FM	**Emission Mask D@453.2125MHz-1W-FM**
	

Emission Mask D@458.2125MHz-1W-FM	Emission Mask D@469.975MHz-1W-FM
	
Emission Mask D@136.025MHz-5W-4FSK	**Emission Mask D@155.7525MHz-5W-4FSK**
	
Emission Mask D@173.975MHz-5W-4FSK	**Emission Mask D@136.025MHz-1W-4FSK**
	

Emission Mask D@155.7525MHz-1W-4FSK	Emission Mask D@173.975MHz-1W-4FSK
	
Emission Mask D@406.125MHz-5W-4FSK	**Emission Mask D@453.2125MHz-5W-4FSK**
	
Emission Mask D@458.2125MHz-5W-4FSK	**Emission Mask D@469.975MHz-5W-4FSK**
	

Emission Mask D@469.975MHz-1W-4FSK	Emission Mask D@406.125MHz-1W-4FSK
	
Emission Mask D@453.2125MHz-1W-4FSK	**Emission Mask D@458.2125MHz-1W-4FSK**
	

9. Modulation Characteristics

9.1 Provisions Applicable

According to FCC§2.1047 and §90.207, for Voice Modulation Communication Equipment, the frequency response of the audio modulation circuit over a range of 100 to 5000Hz shall be measured.

9.2 Measurement Procedure

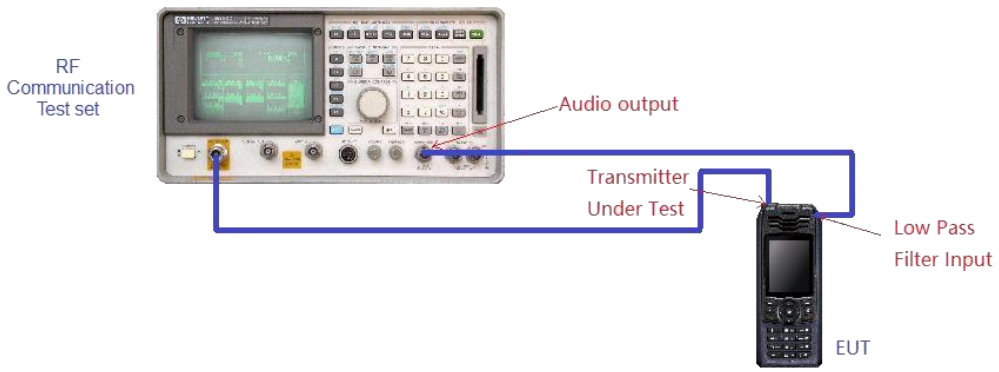
- **Modulation Limit**

1. Test layout and build equipment as shown below.
2. adjust the audio input for 60% of rated system deviation at 1kHz using this level as a reference (0dB).
3. Vary the input level from –20 to +20dB.
4. Record the frequency deviation obtained as a function of the input level.
5. Repeat step 2 with input frequency changing to 300, 1000, 1500 and 3000Hz in sequence.

- **Audio Frequency Response**

1. Test layout and build equipment as shown below.
2. Adjust the audio input for 20% of rated system deviation at 1 kHz using this level as a reference (0 dB).
3. Vary the Audio frequency from 100 Hz to 10 kHz and record the frequency deviation.
4. Audio Frequency Response = 20log10 (Deviation of test frequency/Deviation of 1 kHz reference).

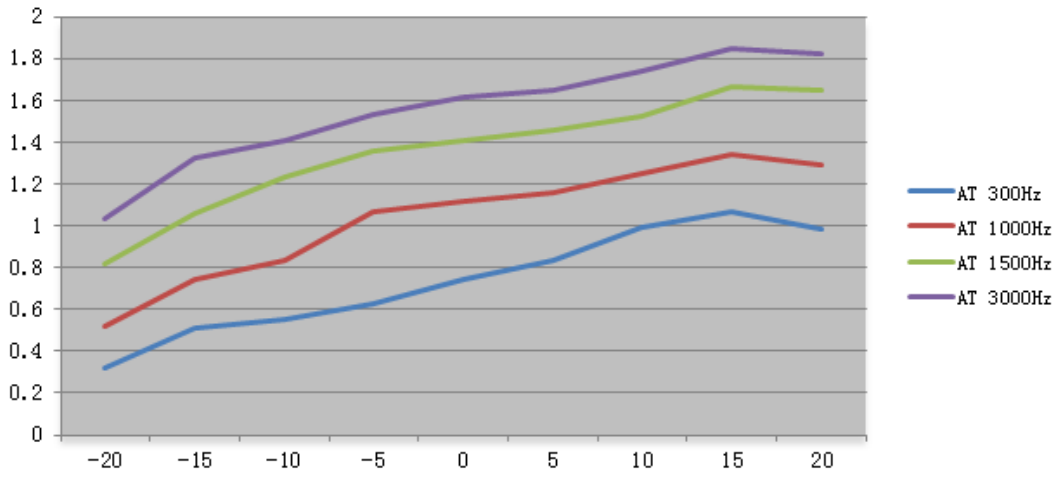
9.3 Measurement Setup



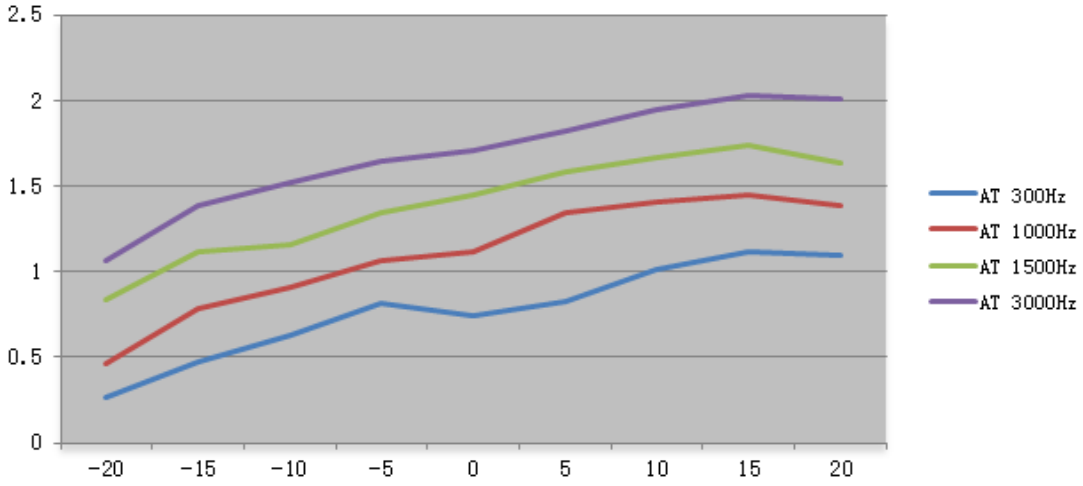
9.4 Measurement Result

A. Modulation Limit:

12.5kHz, Analog modulation, Assigned Frequency:136.025MHz-High Power				
Modulation Level (dB)	Peak Freq. Deviation At 300 Hz (kHz)	Peak Freq. Deviation At 1000 Hz (kHz)	Peak Freq. Deviation At 1500 Hz (kHz)	Peak Freq. Deviation At 3000 Hz (kHz)
-20	0.32	0.52	0.82	1.03
-15	0.51	0.74	1.06	1.32
-10	0.55	0.83	1.23	1.41
-5	0.63	1.07	1.36	1.53
0	0.74	1.12	1.41	1.61
+5	0.83	1.16	1.46	1.65
+10	0.99	1.25	1.52	1.74
+15	1.07	1.34	1.66	1.85
+20	0.98	1.29	1.65	1.82



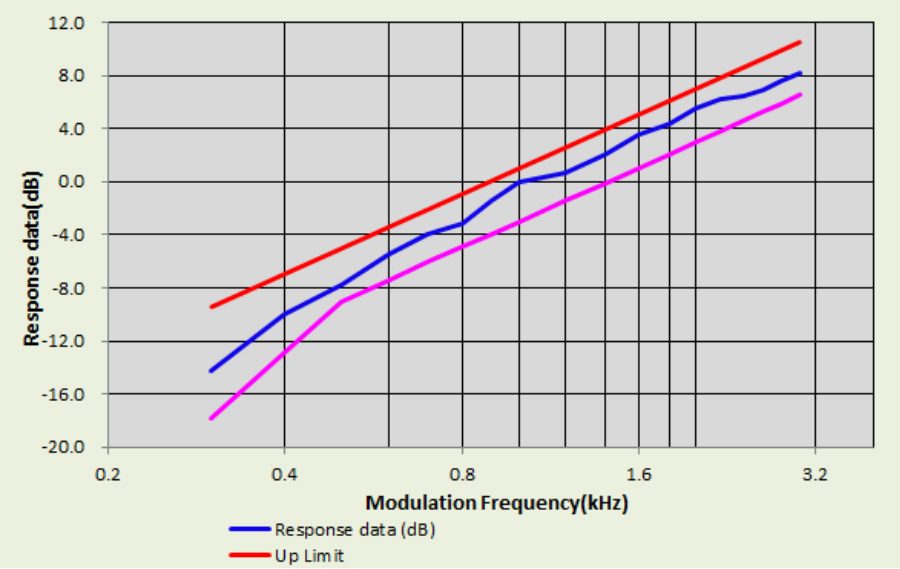
12.5kHz, Analog modulation, Assigned Frequency:406.125MHz-High Power				
Modulation Level (dB)	Peak Freq. Deviation At 300 Hz (kHz)	Peak Freq. Deviation At 1000 Hz (kHz)	Peak Freq. Deviation At 1500 Hz (kHz)	Peak Freq. Deviation At 3000 Hz (kHz)
-20	0.26	0.46	0.84	1.06
-15	0.47	0.78	1.12	1.38
-10	0.63	0.91	1.16	1.52
-5	0.81	1.06	1.34	1.64
0	0.74	1.12	1.45	1.71
+5	0.82	1.34	1.58	1.82
+10	1.01	1.41	1.66	1.94
+15	1.12	1.45	1.74	2.03
+20	1.09	1.39	1.63	2.01



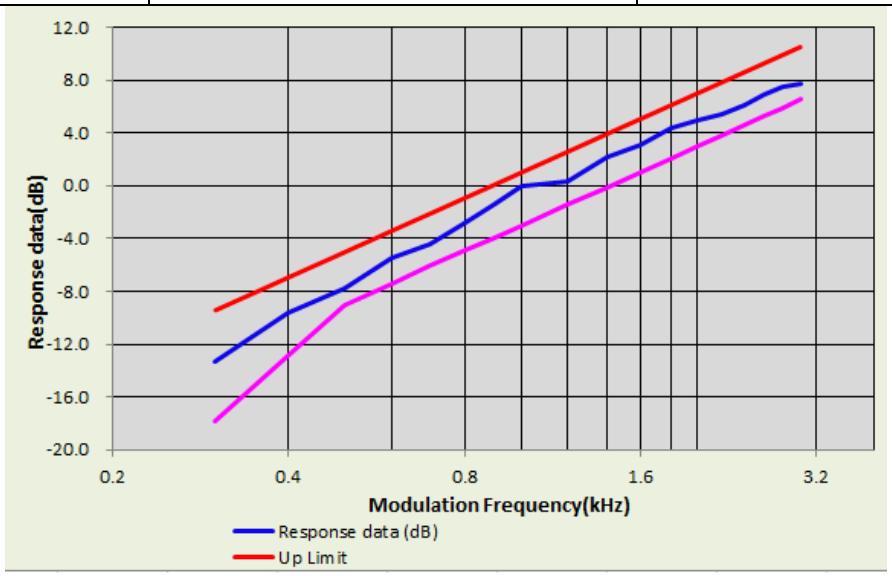
Note: All the modes had been tested, but only the worst data recorded in the report.

B. Audio Frequency Response:

12.5kHz, Analog modulation, Assigned Frequency:136.025MHz-High Power		
Frequency (Hz)	Deviation (kHz)	Audio Frequency Response(dB)
100	--	--
200	--	--
300	0.17	-14.28
400	0.28	-9.95
500	0.36	-7.76
600	0.47	-5.45
700	0.56	-3.93
800	0.61	-3.18
900	0.75	-1.39
1000	**0.88**	0.00
1200	0.95	0.66
1400	1.11	2.02
1600	1.32	3.52
1800	1.45	4.34
2000	1.66	5.51
2400	1.79	6.17
2500	1.85	6.45
2800	1.94	6.87
3000	2.11	7.60



12.5kHz, Analog modulation, Assigned Frequency:406.125MHz-High Power		
Frequency (Hz)	Deviation (kHz)	Audio Frequency Response(dB)
100	--	--
200	--	--
300	0.12	-19.93
400	0.28	-12.57
500	0.42	-9.05
600	0.59	-6.09
700	0.74	-4.13
800	0.89	-2.52
900	1.10	-0.68
1000	1.19	0.00
1200	1.42	1.53
1400	1.53	2.18
1600	1.69	3.05
1800	1.82	3.69
2000	2.00	4.51
2400	1.91	4.11
2500	1.93	4.20
2800	1.88	3.97
3000	1.92	4.16



Note: All the modes had been tested, but only the worst data recorded in the report.

10. Maximum Transmitter Power

10.1 Provisions Applicable

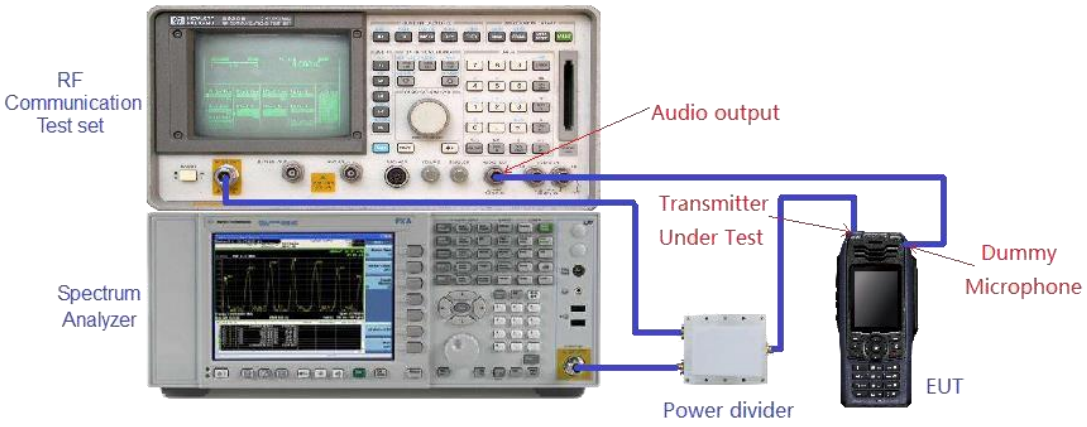
Per FCC §2.1046 and §90.205: Maximum ERP is dependent upon the station's antenna HAAT and required service area.

10.2 Measurement Procedure

The RF output of Two-way Radio was conducted to a spectrum analyzer through an appropriate attenuator.
In the semi-anechoic chamber, setup as illustrated above the DUT placed on the 0.8m height of Turn Table, rotated the table 45 degree each interval to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power for each degree interval. The "Read Value" is the spectrum reading of maximum power value.
The substitution antenna is substituted for DUT at the same position and signals generator (S.G) export the CW signal to the substitution antenna via a TX cable. The receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum radiation power. Record the power level of maximum radiation power from spectrum.
So, the Measured substitution value = Ref level of S.G + TX cables loss – Substituted Antenna Gain.
EIRP = "Read Value" + Measured substitution value + 2.15.

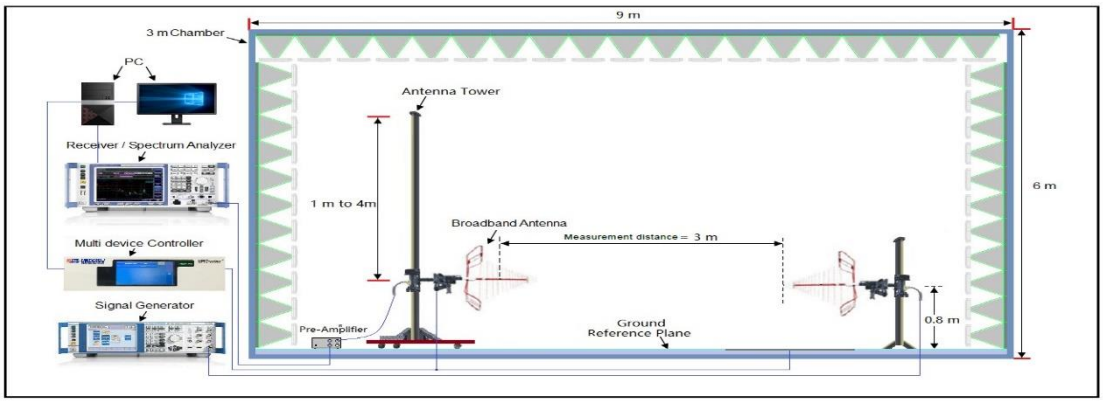
10.3 Measurement Setup

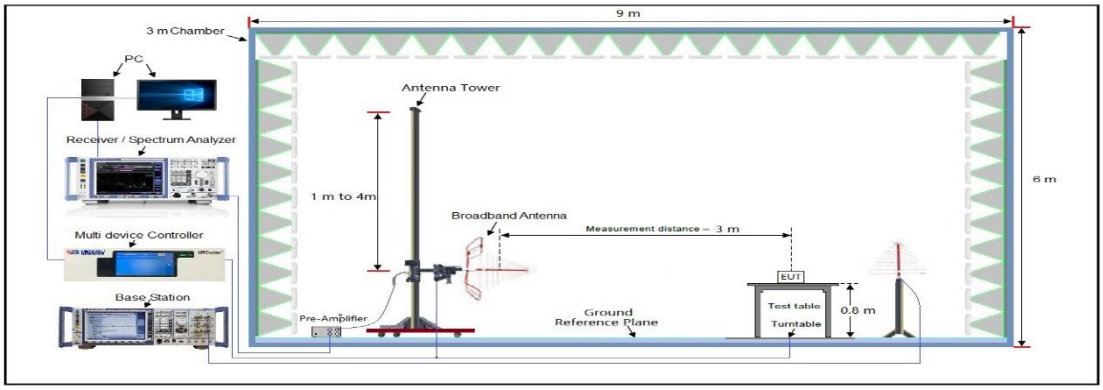
☒Conducted Output Power:



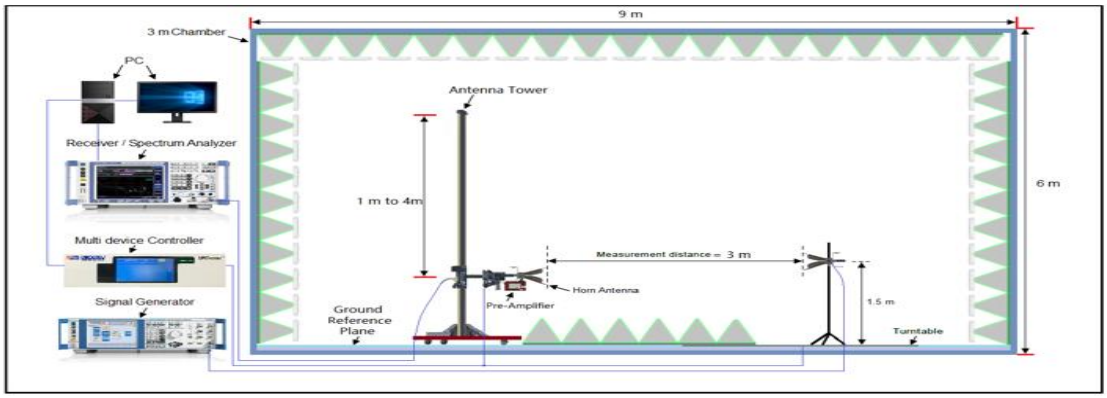
☒Effective Radiated Power:

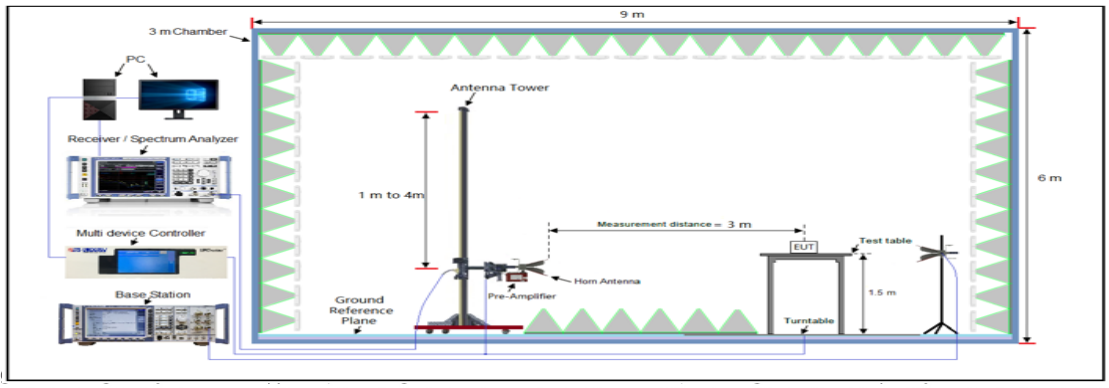
Radiated Below 1GHz





Radiated Above 1 GHz





10.4 Measurement Result

Conducted Power Measurement Results			
Mode	Channel Separation	Test Channel	Measurement Result (dBm)
			For 36.99dBm(5W)
Analog +Voice	12.5 kHz	Bottom(136.025MHz)	36.21
		Middle(155.7525MHz)	36.46
		Top (173.975MHz)	**36.76**
Digital (Voice+Data)	12.5 kHz	Bottom(136.025MHz)	36.17
		Middle(155.7525MHz)	36.53
		Top (173.975MHz)	**36.60**
Mode	Channel Separation	Test Channel	Measurement Result (dBm)
			For 30.00dBm(1W)
Analog +Voice	12.5 kHz	Bottom(136.025MHz)	29.31
		Middle(155.7525MHz)	**29.85**
		Top (173.975MHz)	29.67
Digital (Voice+Data)	12.5 kHz	Bottom(136.025MHz)	28.94
		Middle(155.7525MHz)	**29.84**
		Top (173.975MHz)	29.64

Conducted Power Measurement Results			
Mode	Channel Separation	Test Channel	Measurement Result (dBm)
			For 36.99dBm(5W)
Analog	12.5 kHz	Bottom(406.125MHz)	**36.27**
		Middle(453.2125MHz)	36.26
		Middle(458.2125MHz)	36.18
		Top (469.975MHz)	36.11
Digital (Voice+Data)	12.5 kHz	Bottom(406.125MHz)	**36.53**
		Middle(453.2125MHz)	36.16
		Middle(458.2125MHz)	36.17
		Top (469.975MHz)	36.06

Conducted Power Measurement Results			
Mode	Channel Separation	Test Channel	Measurement Result (dBm)
			For 30.00dBm(1W)
Analog	12.5 kHz	Bottom(406.125MHz)	29.12
		Middle(453.2125MHz)	29.62
		Middle(458.2125MHz)	29.72
		Top (469.975MHz)	**29.88**
Digital (Voice+Data)	12.5 kHz	Bottom(406.125MHz)	29.03
		Middle(453.2125MHz)	29.62
		Middle(458.2125MHz)	29.72
		Top (469.975MHz)	**29.90**

Radiated Power Measurement Results								
Test Mode	Frequency (MHz)	Reading Level (dBuv/m)	Antenna Polarization	S.G. (dBm)	Cable Loss (dB)	Ant.Gain (dBi)	ERP Results (dBm)	Limit (dBm)
Analog +Voice	136.0250	105.26	V	30.03	0.62	6.5	35.91	36.99
	136.0250	105.16	H	29.93	0.62	6.5	35.81	36.99
	155.7525	105.51	V	30.28	0.62	6.5	36.16	36.99
	155.7525	105.36	H	30.13	0.62	6.5	36.01	36.99
	173.9750	105.81	V	30.58	0.62	6.5	36.46	36.99
	173.9750	105.58	H	30.35	0.62	6.5	36.23	36.99
Digital (Voice+Data)	136.0250	105.22	V	29.99	0.62	6.5	35.87	36.99
	136.0250	104.88	H	29.65	0.62	6.5	35.53	36.99
	155.7525	105.58	V	30.35	0.62	6.5	36.23	36.99
	155.7525	105.47	H	30.24	0.62	6.5	36.12	36.99
	173.9750	105.65	V	30.42	0.62	6.5	36.30	36.99
	173.9750	105.55	H	30.32	0.62	6.5	36.20	36.99

Radiated Power Measurement Results								
Test Mode	Frequency (MHz)	Reading Level (dBuv/m)	Antenna Polarization	S.G. (dBm)	Cable Loss (dB)	Ant.Gain (dBi)	ERP Results (dBm)	Limit (dBm)
Analog +Voice	136.0250	98.36	V	23.13	0.62	6.5	29.01	30.00
	136.0250	98.12	H	22.89	0.62	6.5	28.77	30.00
	155.7525	98.90	V	23.67	0.62	6.5	29.55	30.00
	155.7525	98.78	H	23.55	0.62	6.5	29.43	30.00
	173.9750	98.72	V	23.49	0.62	6.5	29.37	30.00
	173.9750	98.66	H	23.43	0.62	6.5	29.31	30.00
Digital (Voice+Data)	136.0250	97.99	V	22.76	0.62	6.5	28.64	30.00
	136.0250	97.93	H	22.70	0.62	6.5	28.58	30.00
	155.7525	98.89	V	23.66	0.62	6.5	29.54	30.00
	155.7525	98.68	H	23.45	0.62	6.5	29.33	30.00
	173.9750	98.69	V	23.46	0.62	6.5	29.34	30.00
	173.9750	98.60	H	23.37	0.62	6.5	29.25	30.00

Radiated Power Measurement Results								
Test Mode	Frequency (MHz)	Reading Level (dBuv/m)	Antenna Polarization	S.G. (dBm)	Cable Loss (dB)	Ant.Gain (dBi)	ERP Results (dBm)	Limit (dBm)
Analog +Voice	406.1250	97.89	V	22.66	0.85	6.9	35.97	36.99
	406.1250	97.81	H	22.58	0.85	6.9	35.86	36.99
	453.2125	97.65	V	22.42	0.85	6.9	35.96	36.99
	453.2125	97.57	H	22.34	0.85	6.9	35.87	36.99
	458.2125	98.43	V	23.20	0.85	6.9	35.88	36.99
	458.2125	98.39	H	23.16	0.85	6.9	35.76	36.99
	469.9750	98.31	V	23.08	0.85	6.9	35.81	36.99
	469.9750	98.23	H	23.00	0.85	6.9	35.63	36.99
Digital (Voice+Data)	406.1250	97.91	V	22.68	0.85	6.9	36.23	36.99
	406.1250	97.79	H	22.56	0.85	6.9	36.17	36.99
	453.2125	98.50	V	23.27	0.85	6.9	35.86	36.99
	453.2125	98.44	H	23.21	0.85	6.9	35.79	36.99
	458.2125	98.60	V	23.37	0.85	6.9	35.87	36.99
	458.2125	98.57	H	23.34	0.85	6.9	35.74	36.99
	469.9750	98.78	V	23.55	0.85	6.9	35.76	36.99
	469.9750	98.71	H	23.48	0.85	6.9	35.63	36.99

Radiated Power Measurement Results								
Test Mode	Frequency (MHz)	Reading Level (dBuv/m)	Antenna Polarization	S.G. (dBm)	Cable Loss (dB)	Ant.Gain (dBi)	ERP Results (dBm)	Limit (dBm)
Analog +Voice	406.1250	97.89	V	22.66	0.85	6.9	28.71	30.00
	406.1250	97.81	H	22.58	0.85	6.9	28.63	30.00
	453.2125	97.65	V	22.42	0.85	6.9	28.47	30.00
	453.2125	97.57	H	22.34	0.85	6.9	28.39	30.00
	458.2125	98.43	V	23.20	0.85	6.9	29.25	30.00
	458.2125	98.39	H	23.16	0.85	6.9	29.21	30.00
	479.9750	98.31	V	23.08	0.85	6.9	29.13	30.00
	479.9750	98.23	H	23.00	0.85	6.9	29.05	30.00
Digital (Voice+Data)	406.1250	97.91	V	22.68	0.85	6.9	28.73	30.00
	406.1250	97.79	H	22.56	0.85	6.9	28.61	30.00
	453.2125	98.50	V	23.27	0.85	6.9	29.32	30.00
	453.2125	98.44	H	23.21	0.85	6.9	29.26	30.00
	458.2125	98.60	V	23.37	0.85	6.9	29.42	30.00
	458.2125	98.57	H	23.34	0.85	6.9	29.39	30.00
	469.9750	98.78	V	23.55	0.85	6.9	29.60	30.00
	469.9750	98.71	H	23.48	0.85	6.9	29.53	30.00

Note:

Calculation Formula: CP = R + A + L

- CP: The final Conducted Power
- R: The reading value from spectrum analyzer
- A: The attenuation value of the used attenuator
- L: The loss of all connection cables
- Measurement Result=Peak Power (Max)

11. Spurious Emission on Antenna Port

11.1 Provisions Applicable

Please refer to FCC 47 CFR 2.1051, 2.1057 & 90.210 for specification details.
Emissions shall be attenuated below the mean output power of the transmitter as follows:

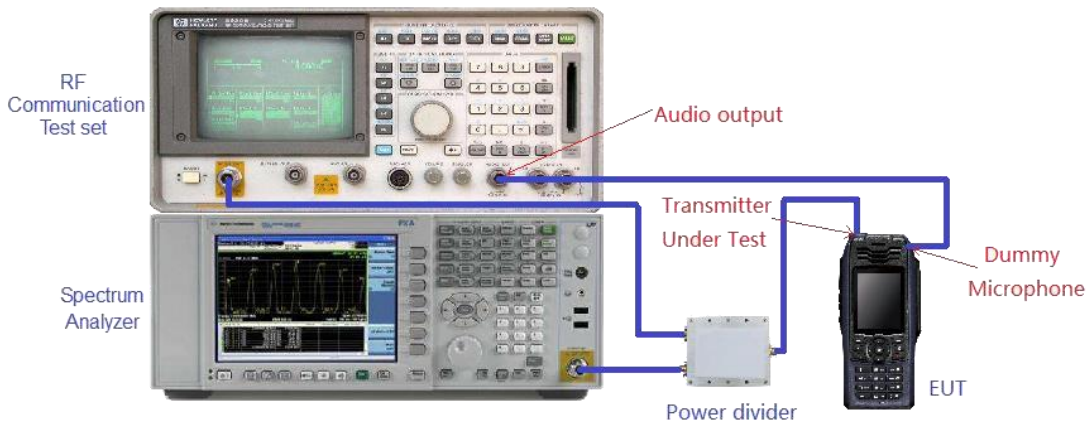
FCC Rules	Attenuation Limit (dBc)
§ 90.210	At least 50 + 10 log (P) dB

50 +10 log (Pwatts)
Note: In general, the worse case attenuation requirement shown above was applied.
Calculation: Limit (dBm) =EL-50-10log10 (TP)
EL is the emission level of the Output Power expressed in dBm,
In this application, the EL is P(dBm)
Limit (dBm) = P(dBm)-50-10 log (Pwatts) = -20dBm

11.2 Measurement Procedure

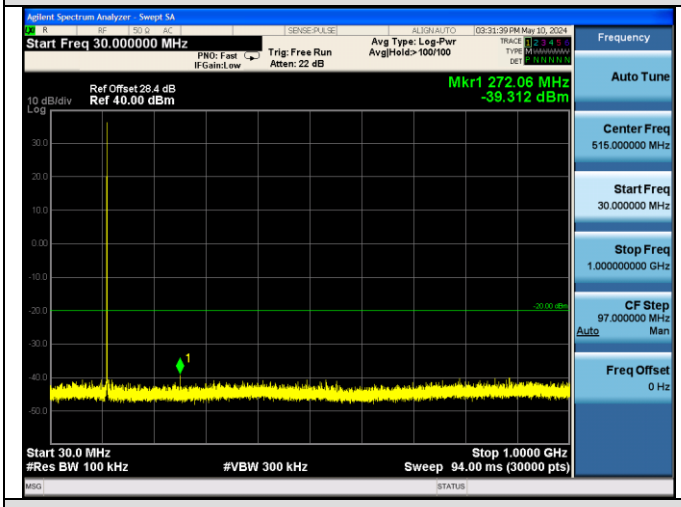
1. The RF output of the EUT was connected to a spectrum analyzer through appropriate attenuation.
2. The resolution bandwidth of the spectrum analyzer was set to 100 kHz. Sufficient scans were taken to
3. show any out of band emission up to 10th . Harmonic for the lower and the highest frequency range.
4. Set RBW 100 kHz, VBW 300 kHz in the frequency band 30MHz to 1GHz, while set RBW=1MHz.VBW=3MHz from the 1GHz to 10th Harmonic.
5. The audio input was set the unmodulated carrier, the resulting picture is print out for each channel separation.

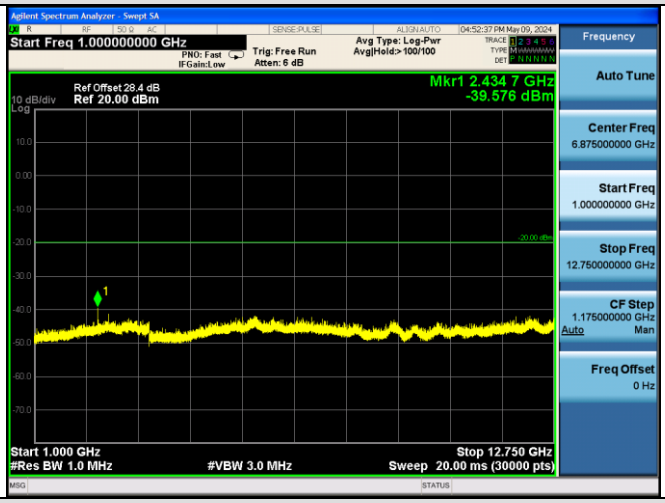
11.3 Measurement Setup



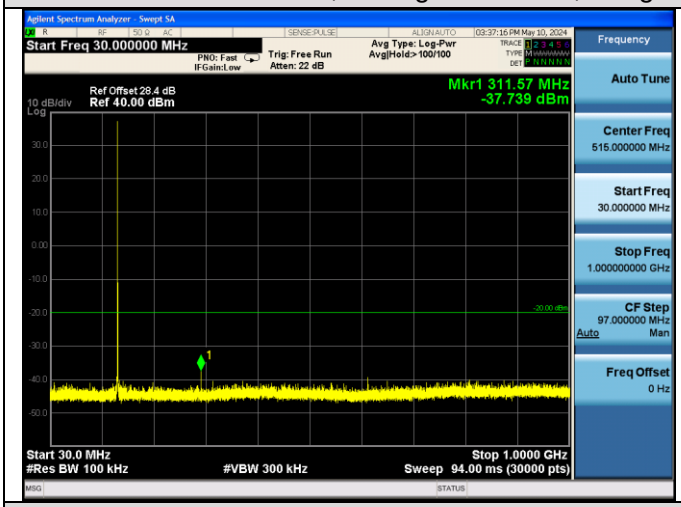
11.4 Measurement Result

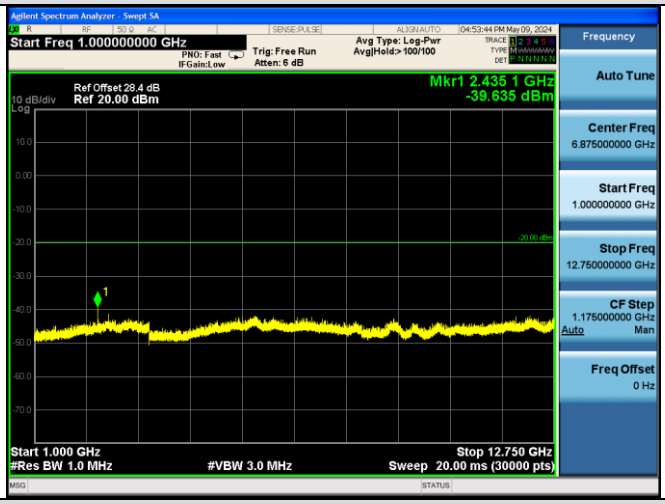
12.5kHz, Analog modulation, Assigned Frequency:136.025MHz, High Power



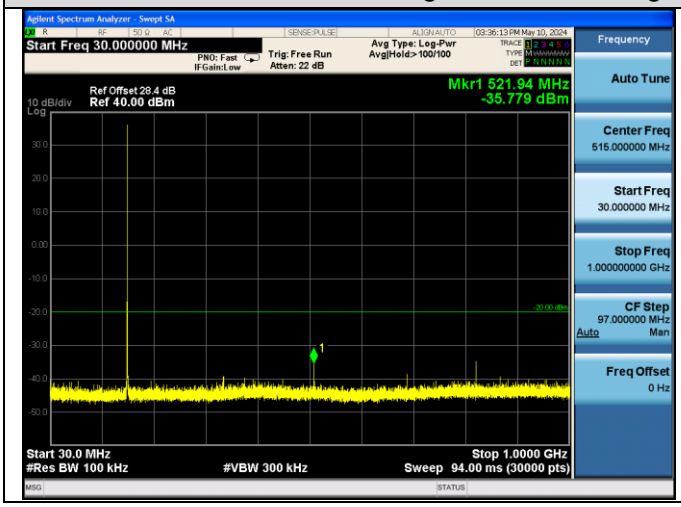


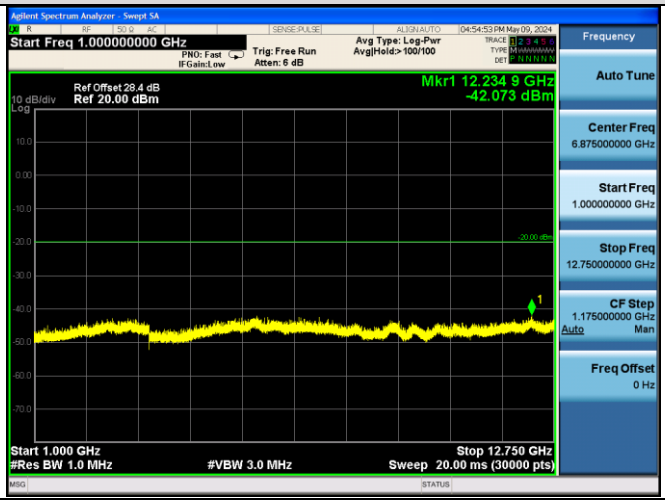
12.5kHz, Analog modulation, Assigned Frequency:155.7525MHz, High Power



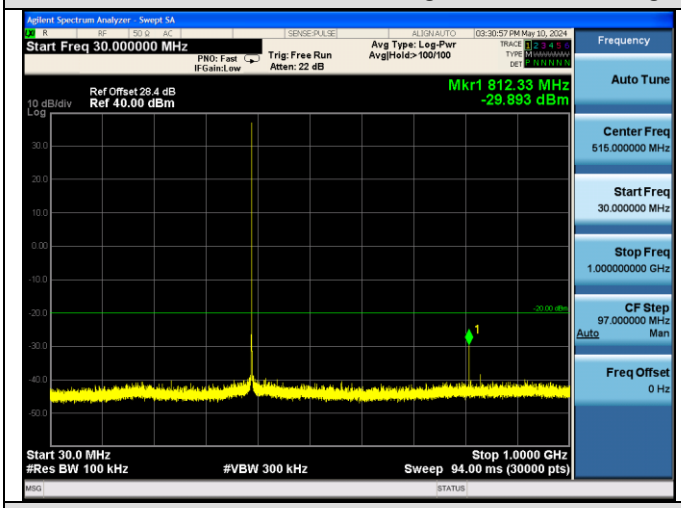


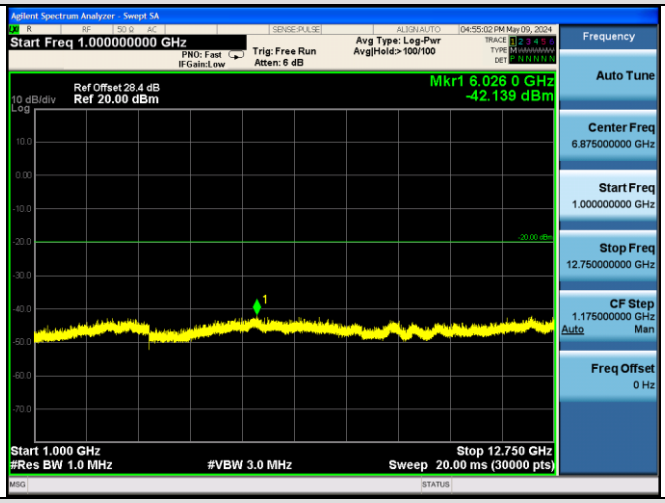
12.5kHz, Analog modulation, Assigned Frequency:173.975MHz, High Power



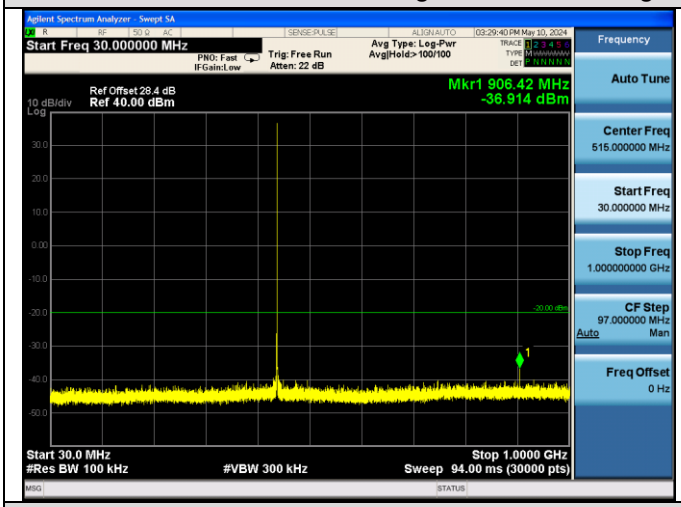


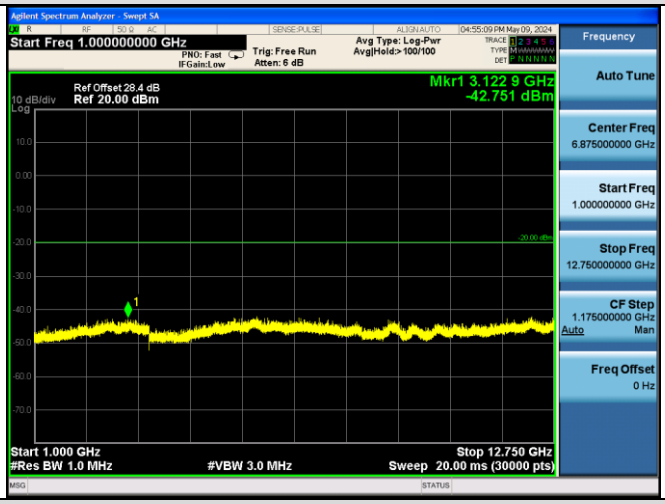
12.5kHz, Analog modulation, Assigned Frequency:450.025MHz, High Power





12.5kHz, Analog modulation, Assigned Frequency:453.2125MHz, High Power





12.5kHz, Analog modulation, Assigned Frequency:458.2125MHz, High Power